

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL042021\
 Data File : VL036820.D
 Acq On : 20 Apr 2021 12:50
 Operator : SY/AP
 Sample : VL0420ABS01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VL0420ABS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 04/21/2021
 Supervised By : Mahesh Dadoda 04/21/2021

Quant Time: Apr 21 06:47:18 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Thu Mar 25 09:42:40 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1322330	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3396756	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	2984744m	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	2427218	10.20	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.05	85	1892964	8.777 ppbv	96
3) Chlorodifluoromethane	2.99	51	2408412	9.748 ppbv	99
4) Chloromethane	3.14	50	752249	8.620 ppbv	97
5) Vinyl Chloride	3.26	62	740341	8.251 ppbv	95
6) Bromomethane	3.47	94	375586	7.603 ppbv	99
7) Chloroethane	3.56	64	260365	8.444 ppbv	91
8) Dichlorotetrafluoroethane	3.19	85	1793635	8.713 ppbv	99
9) Propene	3.01	41	731126	9.283 ppbv	98
10) Heptane	8.13	43	1903181	9.485 ppbv	99
11) Trichlorofluoromethane	3.95	101	1706286	7.763 ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.49	101	1133585	8.067 ppbv	97
13) Ethanol	3.61	45	73599m	7.847 ppbv	
14) Bromoethene	3.74	108	490632	8.398 ppbv	99
15) Acetone	3.85	43	960421	7.379 ppbv	99
16) 1,3-Butadiene	3.33	39	783602	8.648 ppbv	97
17) tert-Butyl alcohol	4.29	59	986102	8.704 ppbv	98
18) 1,1-Dichloroethene	4.29	96	515778	8.251 ppbv	90
19) Isopropyl Alcohol	3.97	45	588194	8.216 ppbv	99
20) Methylene Chloride	4.35	84	411346	6.750 ppbv	97
21) Allyl Chloride	4.41	41	855942	8.250 ppbv	97
22) trans-1,2-Dichloroethene	4.89	96	508163	8.769 ppbv	90
23) Vinyl Acetate	5.08	43	1761134	7.911 ppbv	98
24) 1,1-Dichloroethane	5.02	63	1119825	6.901 ppbv	98
25) Ethyl Acetate	5.68	43	2758026	8.914 ppbv	99
26) Hexane	5.69	57	1349354	9.397 ppbv	97
27) Carbon Disulfide	4.56	76	1271723	8.991 ppbv	98
28) Methyl tert-Butyl Ether	5.04	73	1128638	6.665 ppbv	98
29) Chloroform	5.76	83	2155782	9.388 ppbv	99
30) Cyclohexane	7.14	84	1143007	9.815 ppbv	99
31) cis-1,2-Dichloroethene	5.56	61	1317715	9.488 ppbv	99
32) 1,1,1-Trichloroethane	6.52	97	2193242	9.477 ppbv	99
34) 2-Butanone	5.25	43	1328179	8.010 ppbv	98
35) Carbon Tetrachloride	7.02	117	2329360	8.928 ppbv	96
36) Benzene	6.90	78	2849771	9.097 ppbv	99
37) 1,2-Dichloroethane	6.31	62	1621880	8.796 ppbv	100
38) Trichloroethene	7.84	130	1039214	8.524 ppbv	95
39) 1,2-Dichloropropane	7.62	63	1120987	8.821 ppbv	98
40) 1,4-Dioxane	7.84	88	281683m	9.524 ppbv	
41) Tetrahydrofuran	6.06	42	611931	8.004 ppbv	96
42) Bromodichloromethane	7.80	83	2373266	9.463 ppbv	99
43) Methyl Methacrylate	8.02	69	1057375	10.052 ppbv	97

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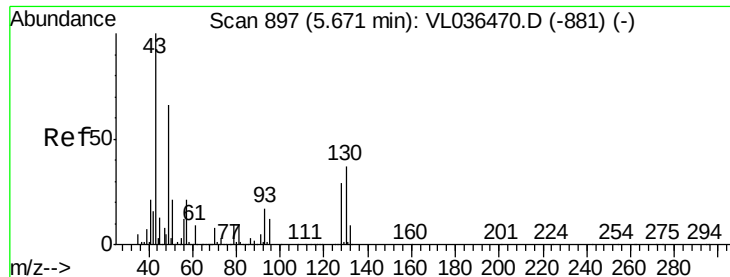
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.88	57	4817526	8.738	ppbv	99
45) t-1,3-Dichloropropene	9.29	75	928837	7.733	ppbv	98
46) cis-1,3-Dichloropropene	8.71	75	1242840	8.094	ppbv	95
47) 1,1,2-Trichloroethane	9.48	97	1169198	9.084	ppbv	96
48) Dibromochloromethane	10.31	129	1909846	9.733	ppbv	100
49) Bromoform	13.05	173	1606001	10.158	ppbv	99
50) 4-Methyl-2-Pentanone	8.75	43	2017680	8.410	ppbv	99
51) 2-Hexanone	10.15	43	1089822	9.002	ppbv #	99
52) Tetrachloroethene	11.23	164	954920	8.278	ppbv	94
53) Toluene	9.82	91	3175937	9.520	ppbv	99
54) 1,2-Dibromoethane	10.62	107	1654481	9.102	ppbv	98
56) 1,1,1,2-Tetrachloroethane	12.13	131	1343031	9.948	ppbv	98
57) Chlorobenzene	12.16	112	2393543	9.425	ppbv	100
58) Ethyl Benzene	12.72	91	4339740	9.994	ppbv	99
59) m/p-Xylene	13.01	91	7354798m	19.418	ppbv	
60) o-Xylene	13.70	91	3485244	9.517	ppbv	100
61) Styrene	13.54	104	1867039	10.134	ppbv	99
62) Isopropylbenzene	14.68	105	4806910	9.747	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.69	83	2596616	9.295	ppbv	100
64) n-propylbenzene	15.57	120	1234499	10.238	ppbv	94
65) tert-Butylbenzene	16.75	119	4191143	9.801	ppbv	100
66) Benzyl Chloride	17.00	91	352195	7.451	ppbv	99
67) sec-Butylbenzene	17.31	105	5912808	9.795	ppbv	100
69) p-Isopropyltoluene	17.67	119	4845380	10.279	ppbv	99
70) n-Butylbenzene	18.56	91	5020608	10.272	ppbv	99
71) 2-Chlorotoluene	15.46	91	3721002	10.069	ppbv	100
72) 4-Ethyltoluene	15.85	105	4013199	10.001	ppbv	99
73) 1,3,5-Trimethylbenzene	16.01	105	3648792	9.742	ppbv	100
74) 1,2,4-Trimethylbenzene	16.78	105	3831698	9.560	ppbv	94
75) 1,3-Dichlorobenzene	17.01	146	2244091	9.947	ppbv	99
76) 1,4-Dichlorobenzene	17.15	146	2143056	9.567	ppbv	99
77) 1,2-Dichlorobenzene	17.83	146	2192382	10.338	ppbv	98
78) Hexachloro-1,3-Butadiene	23.39	225	1682950	8.861	ppbv	99
79) Naphthalene	22.21	128	2441238	10.438	ppbv	99
80) Naphthalene, 2-methyl-	25.00	142	303189	6.574	ppbv	98
81) 1,2,4-Trichlorobenzene	21.94	180	1546523	10.710	ppbv	97

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 Instrument: MSVOA_1

Delta R.T. 0.00

Lab File: ClientSampleId: VL0420ABS01

Acq: 20 Apr 2021 12:50

Tot Ion:

Ion Ratio

49 100

128 49.

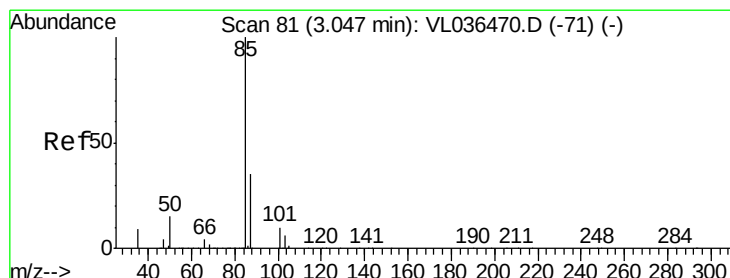
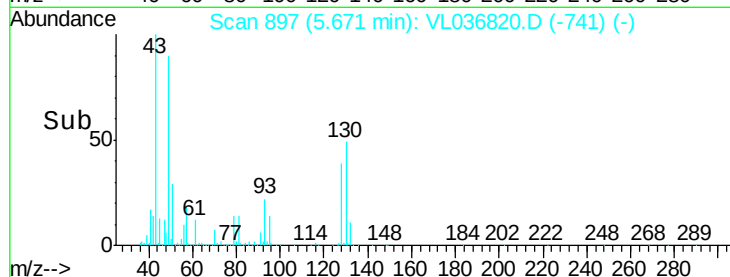
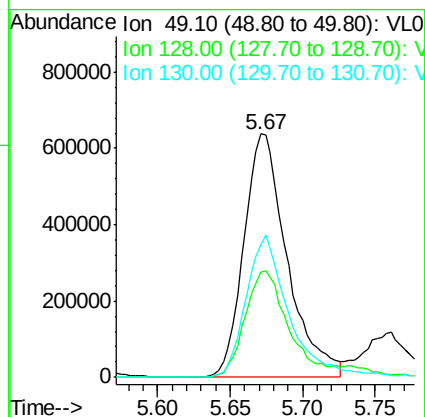
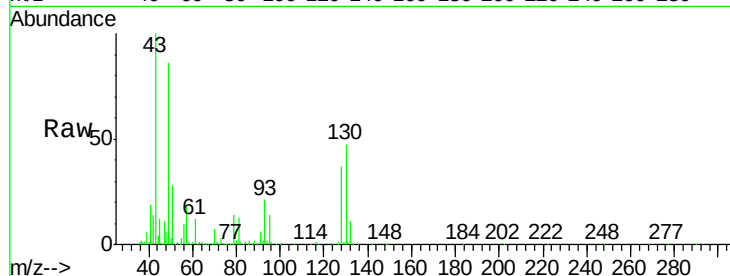
130 59.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/21/2021

Supervised By :Mahesh Dadoda 04/21/2021



#2

Dichlorodifluoromethane

Concen: 8.777 ppbv

RT: 3.05 min Scan# 82

Delta R.T. 0.00 min

Lab File: VL036820.D

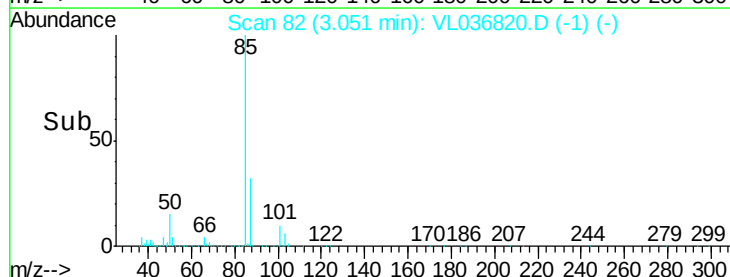
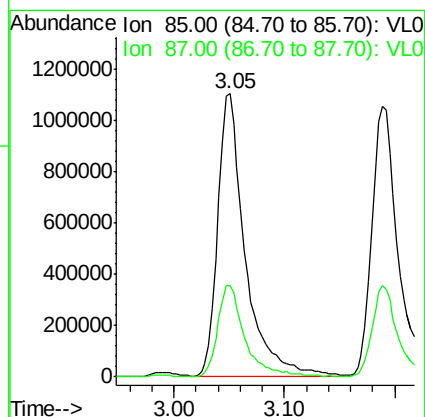
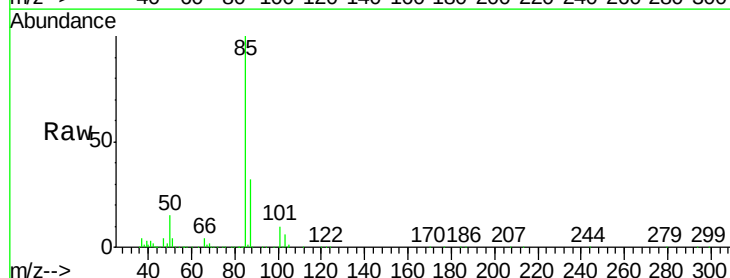
Acq: 20 Apr 2021 12:50

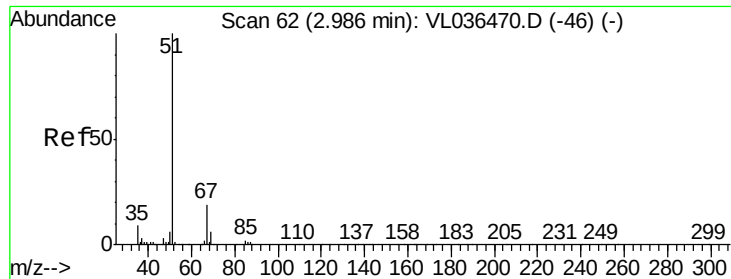
Tgt Ion: 85 Resp: 1892964

Ion Ratio Lower Upper

85 100

87 32.3 27.8 41.8





#3

Chlorodifluoromethane

Concen: 9.748 ppbv

RT: 2.99 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 20 Apr 2021 12:50 VL0420ABS01

Tot Ion:

Ion Ratio

51 100

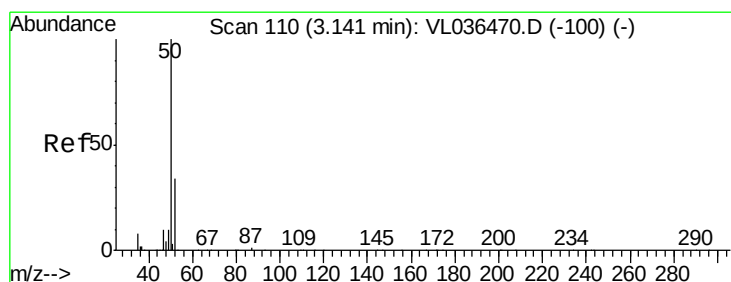
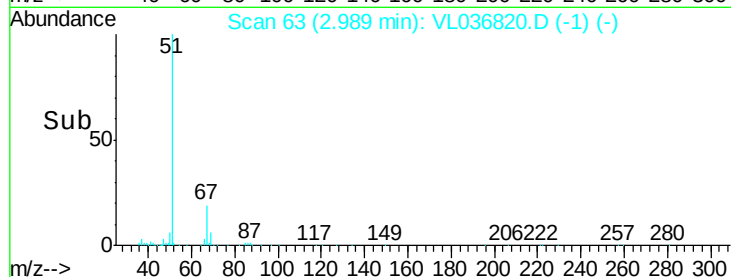
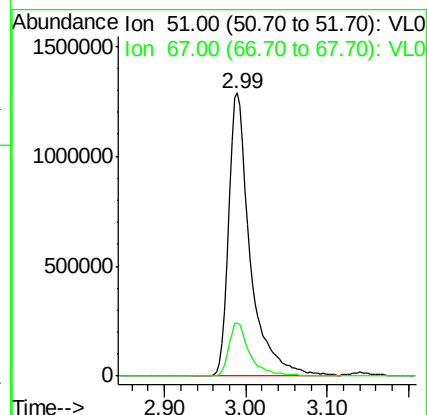
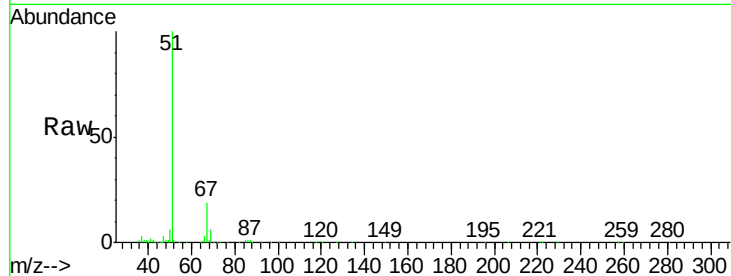
67 18.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/21/2021

Supervised By :Mahesh Dadoda 04/21/2021



#4

Chloromethane

Concen: 8.620 ppbv

RT: 3.14 min Scan# 110

Delta R.T. -0.00 min

Lab File: VL036820.D

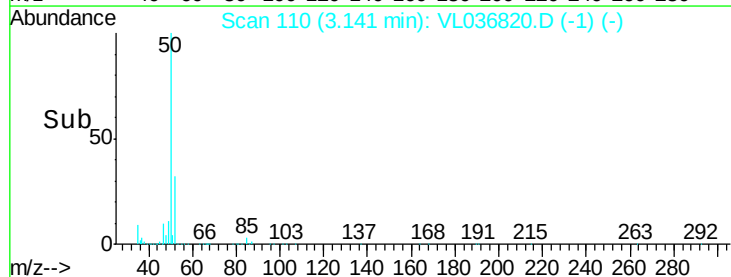
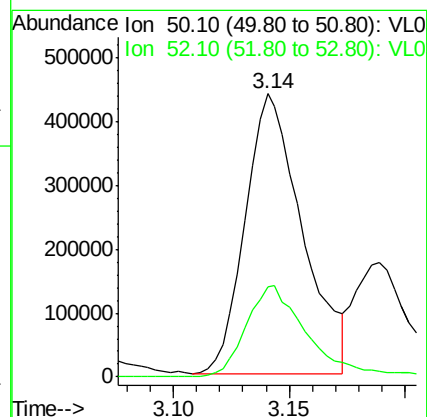
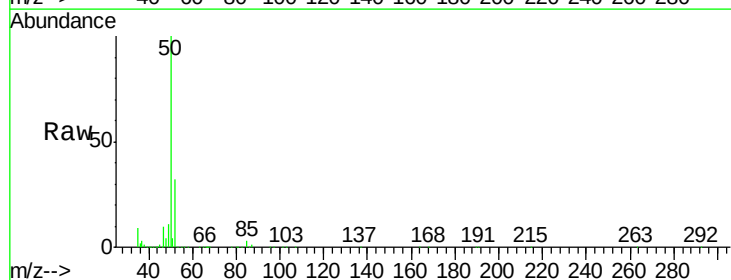
Acq: 20 Apr 2021 12:50

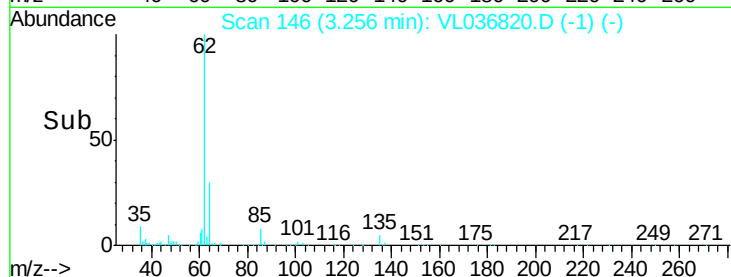
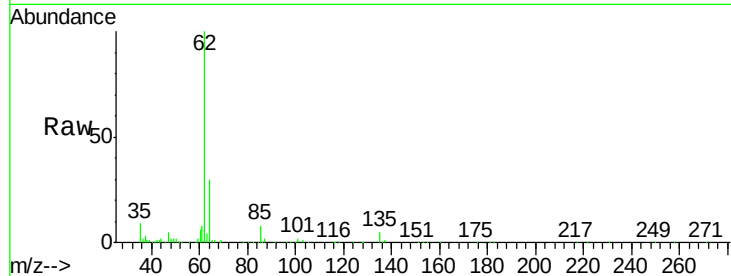
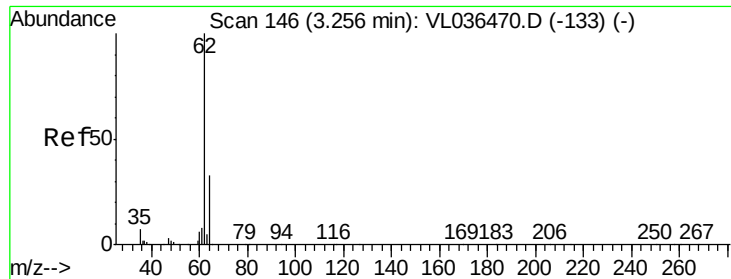
Tgt Ion: 50 Resp: 752249

Ion Ratio Lower Upper

50 100

52 32.1 27.0 40.6





#5

Vinyl Chloride

Concen: 8.251 ppbv

RT: 3.26 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 20 Apr 2021 12:50 VL0420ABS01

Tot Ion:

Ion Ratio

62 100

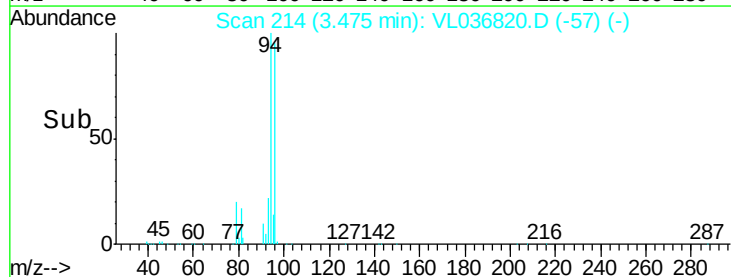
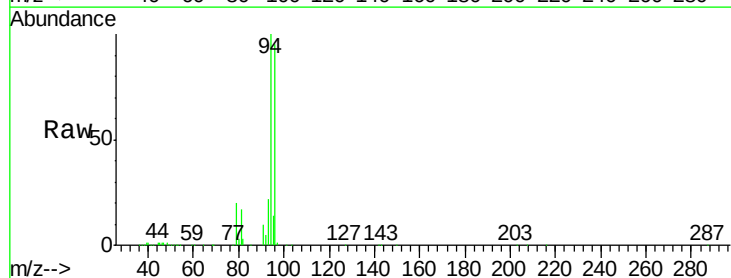
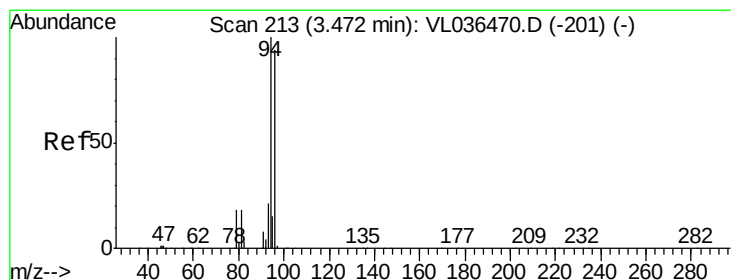
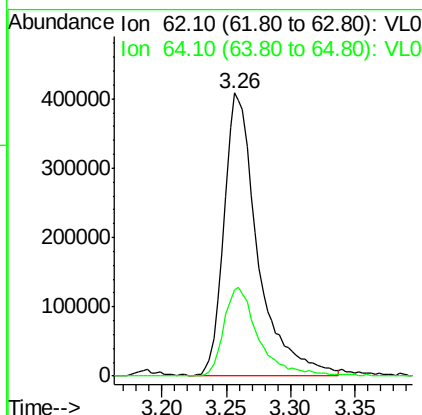
64 30.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/21/2021

Supervised By :Mahesh Dadoda 04/21/2021



#6

Bromomethane

Concen: 7.603 ppbv

RT: 3.47 min Scan# 214

Delta R.T. 0.00 min

Lab File: VL036820.D

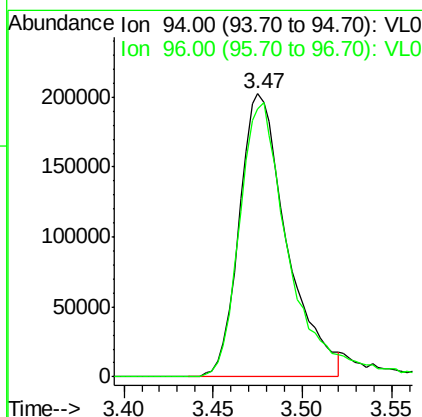
Acq: 20 Apr 2021 12:50

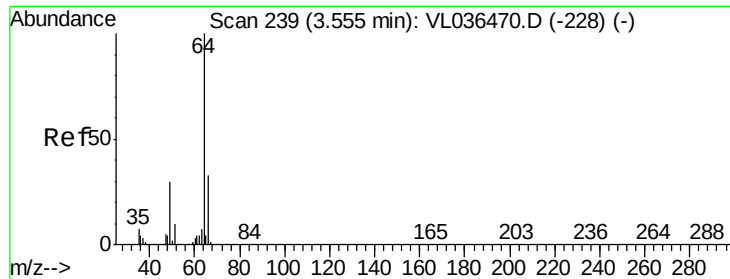
Tgt Ion: 94 Resp: 375586

Ion Ratio Lower Upper

94 100

96 94.9 74.9 112.3





#7

Chloroethane

Concen: 8.444 ppbv

RT: 3.56 Instrument: MSVOA_1

Delta R.T. 0.00 min

Lab File: ClientSampleId: VL0420ABS01

Acq: 20 Apr 2021 12:50

Tot Ion:

Ion Ratio

64 100

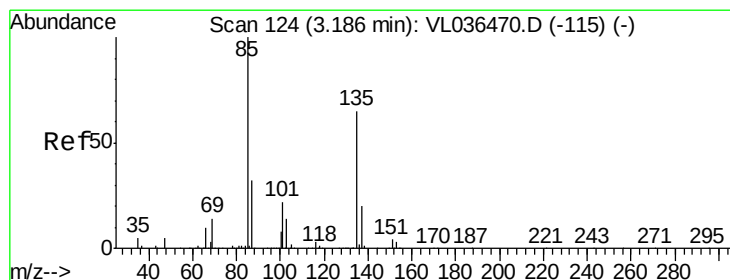
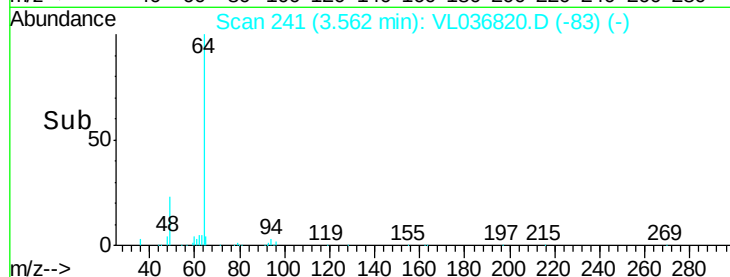
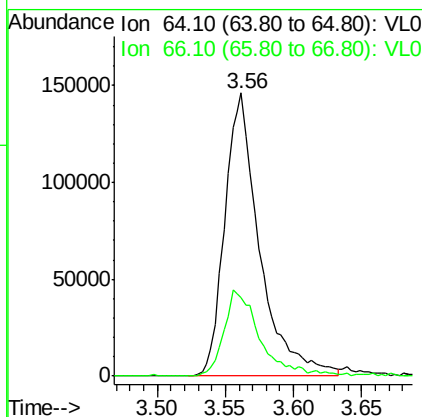
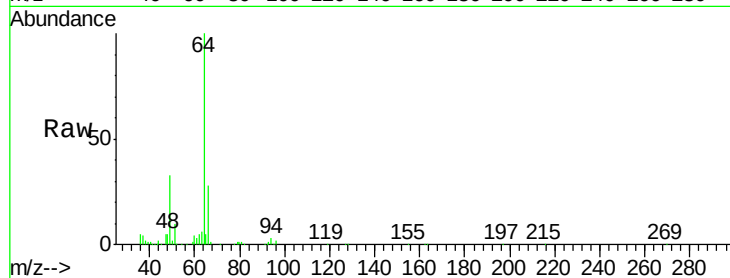
66 27.

Manual Integrations

APPROVED

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Supervised By :Mahesh Dadoda 04/21/2021



#8

Dichlorotetrafluoroethane

Concen: 8.713 ppbv

RT: 3.19 min Scan# 125

Delta R.T. 0.00 min

Lab File: VL036820.D

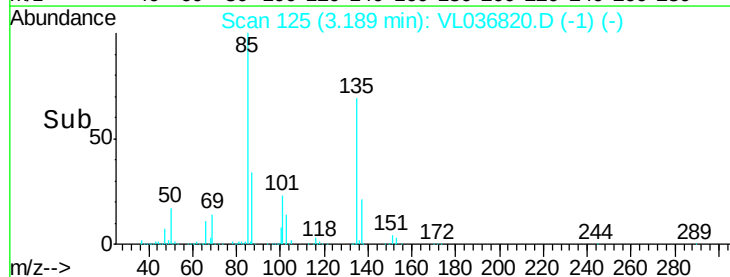
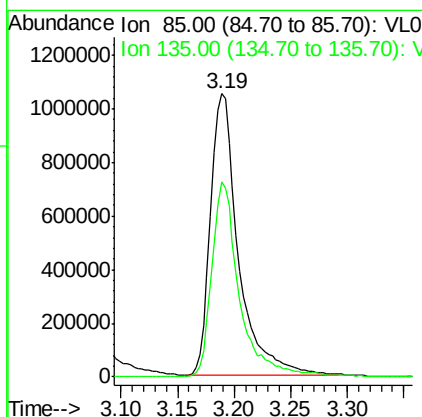
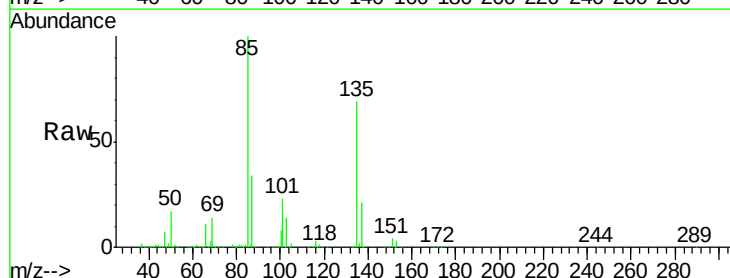
Acq: 20 Apr 2021 12:50

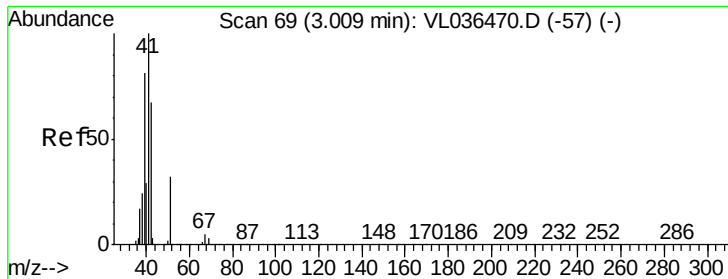
Tgt Ion: 85 Resp: 1793635

Ion Ratio Lower Upper

85 100

135 69.0 54.3 81.5



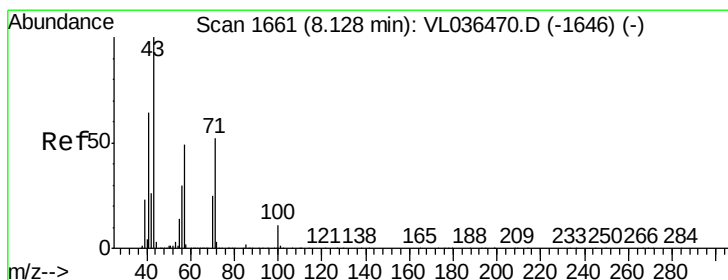
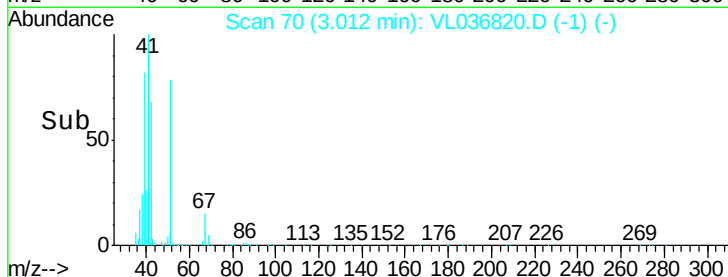
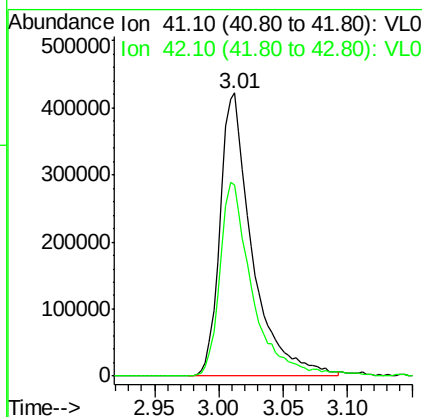
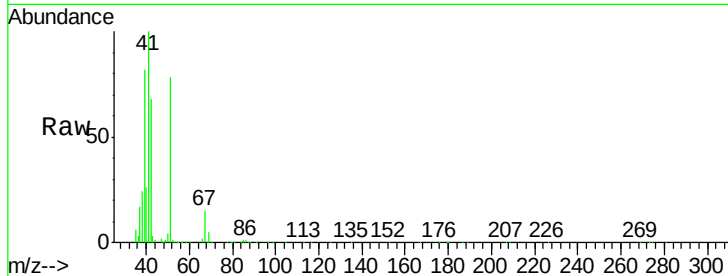


#9
 Propene
 Concen: 9.283 ppbv
 RT: 3.01
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 20 Apr 2021 12:50

Tot Ion:
 Ion Ratio
 41 100
 42 69.

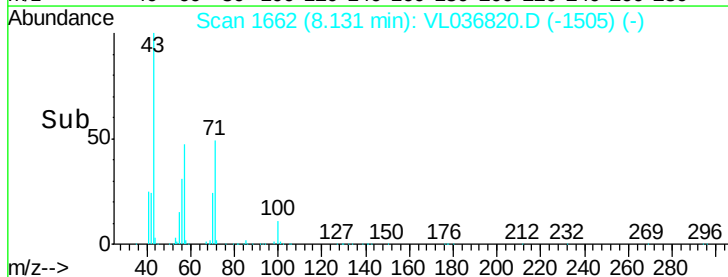
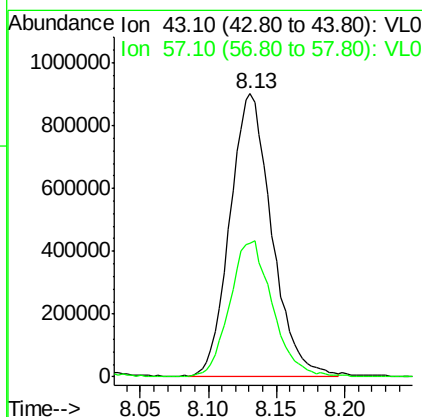
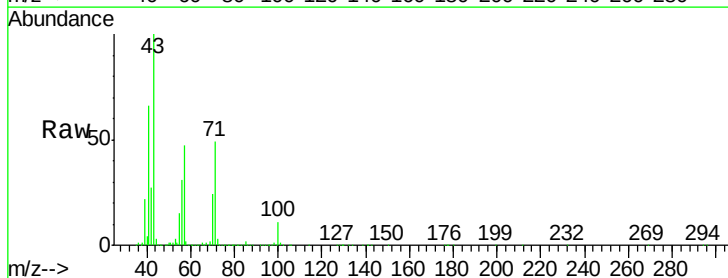
Manual Integrations
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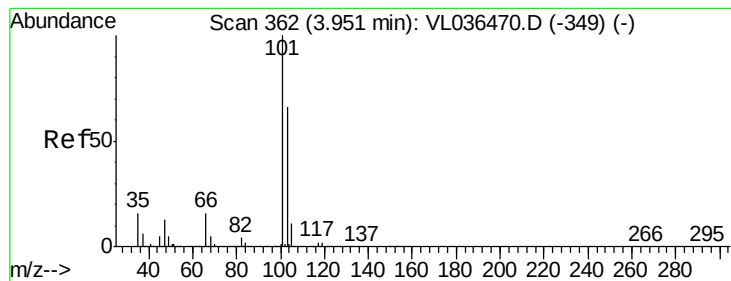
Reviewed By :Semsettin Yesilyurt 04/21/2021
 Supervised By :Mahesh Dadoda 04/21/2021



#10
 Heptane
 Concen: 9.485 ppbv
 RT: 8.13 min Scan# 1662
 Delta R.T. 0.00 min
 Lab File: VL036820.D
 Acq: 20 Apr 2021 12:50

Tgt Ion: 43 Resp: 1903181
 Ion Ratio Lower Upper
 43 100
 57 49.6 39.0 58.6





#11

Trichlorofluoromethane

Concen: 7.763 ppbv

RT: 3.95 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 20 Apr 2021 12:50 VL0420ABS01

Tot Ion:1

Ion Ratio

101 100

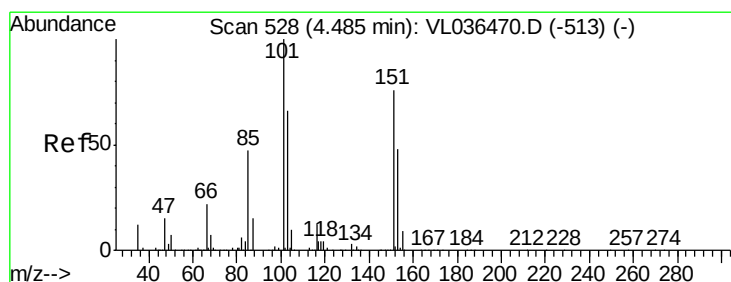
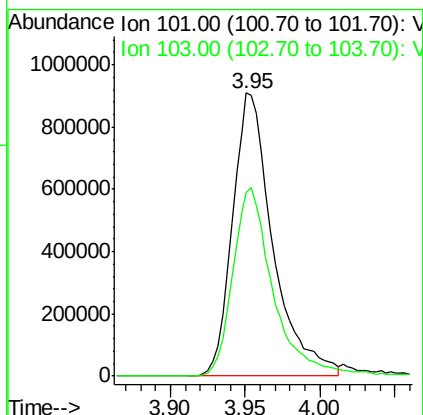
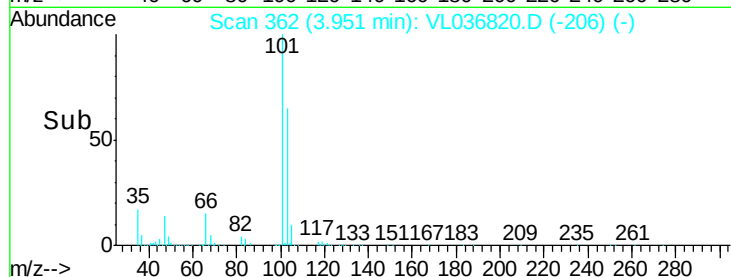
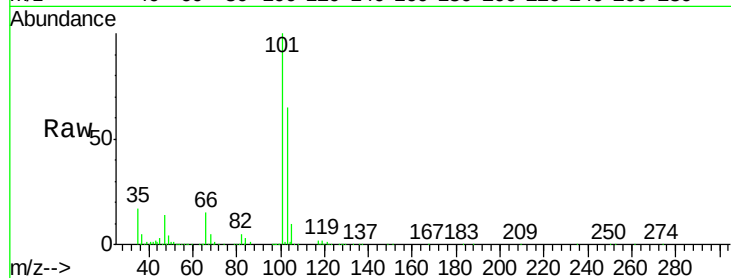
103 64.

Manual Integrations

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Supervised By :Mahesh Dadoda 04/21/2021



#12

1,1,2-Trichlorotrifluoroethane

Concen: 8.067 ppbv

RT: 4.49 min Scan# 529

Delta R.T. 0.00 min

Lab File: VL036820.D

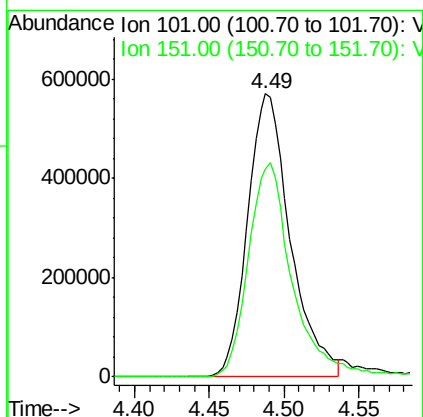
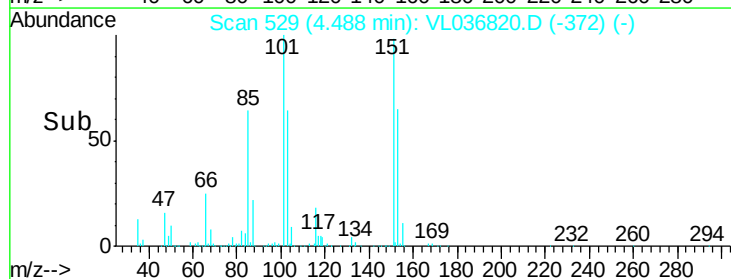
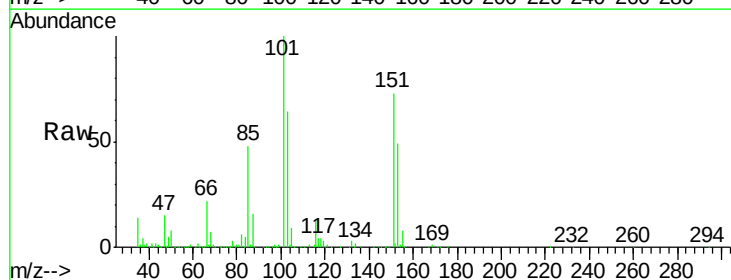
Acq: 20 Apr 2021 12:50

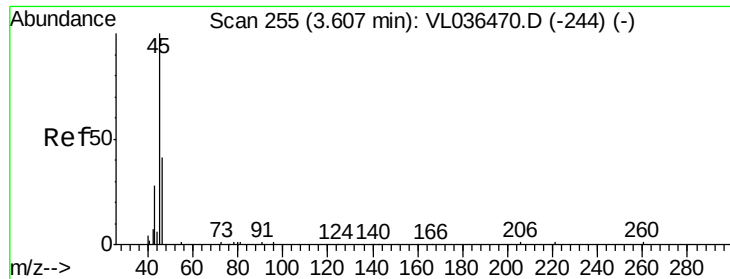
Tgt Ion:101 Resp: 1133585

Ion Ratio Lower Upper

101 100

151 78.9 60.9 91.3



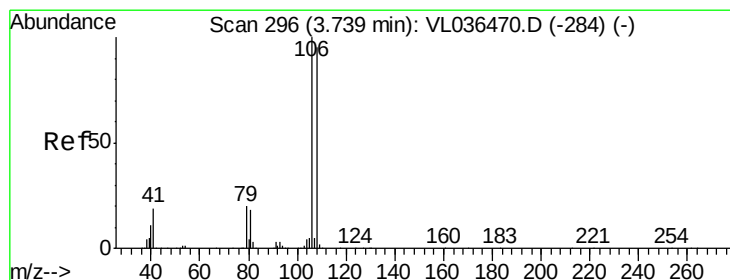
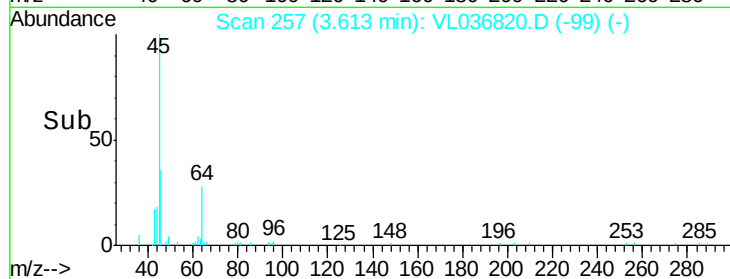
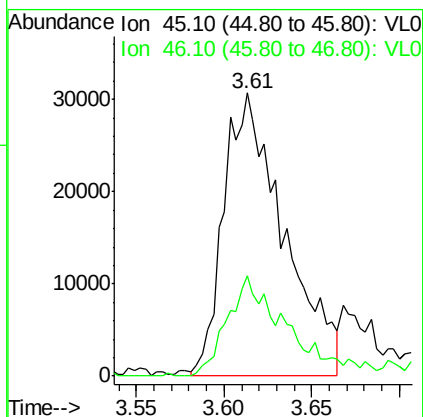
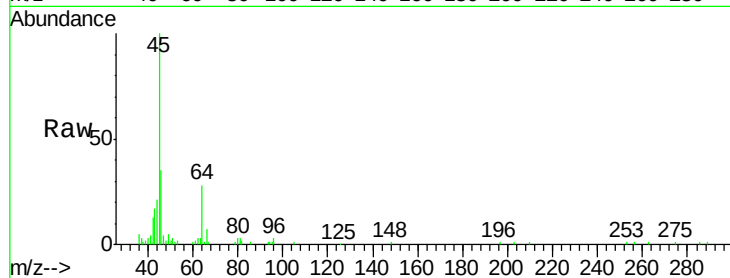


#13
Ethanol
Concen: 7.847 ppbv m
RT: 3.61
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 20 Apr 2021 12:50

Tot Ion:
Ion Ratio
45 100
46 0.

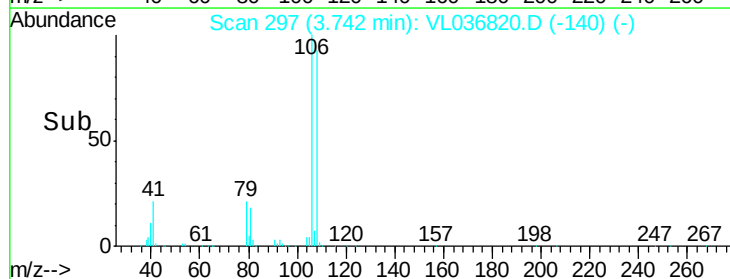
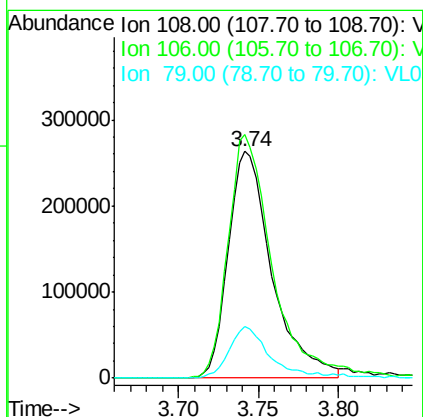
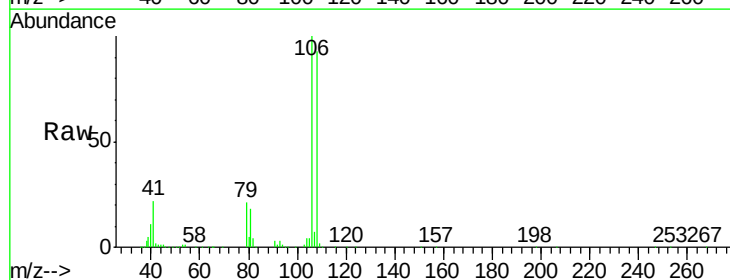
Manual Integrations
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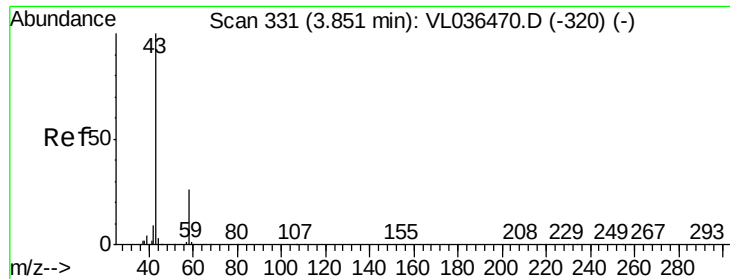
Reviewed By :Semsettin Yesilyurt 04/21/2021
Supervised By :Mahesh Dadoda 04/21/2021



#14
Bromoethene
Concen: 8.398 ppbv
RT: 3.74 min Scan# 297
Delta R.T. 0.00 min
Lab File: VL036820.D
Acq: 20 Apr 2021 12:50

Tgt Ion:108 Resp: 490632
Ion Ratio Lower Upper
108 100
106 111.8 89.0 133.6
79 22.2 16.6 25.0



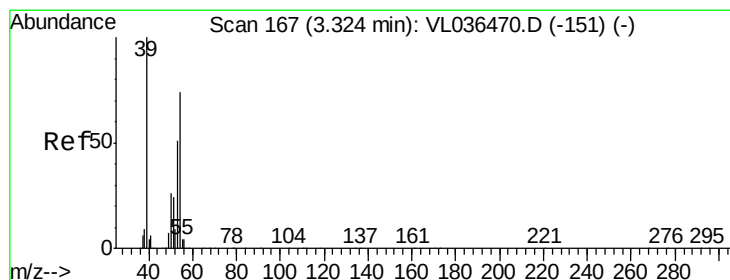
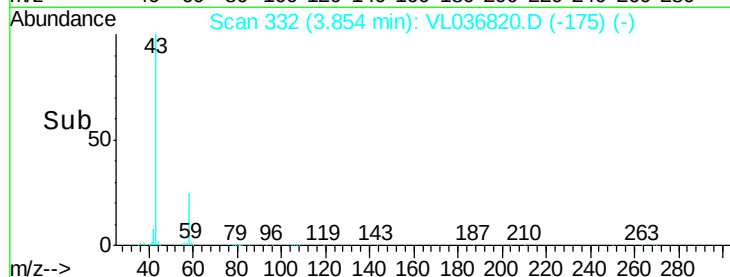
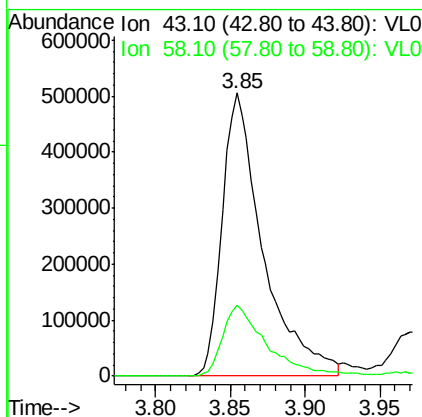
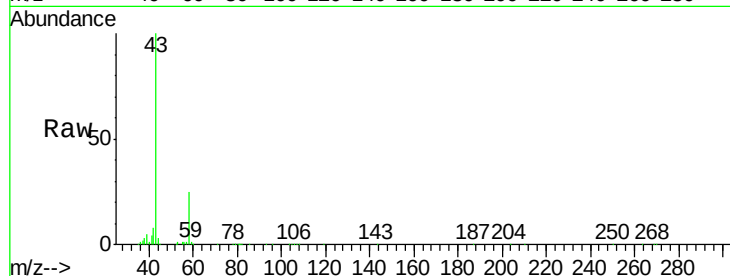


#15
Acetone
Concen: 7.379 ppbv
RT: 3.85
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 20 Apr 2021 12:50

Tot Ion:
Ion Ratio
43 100
58 27.

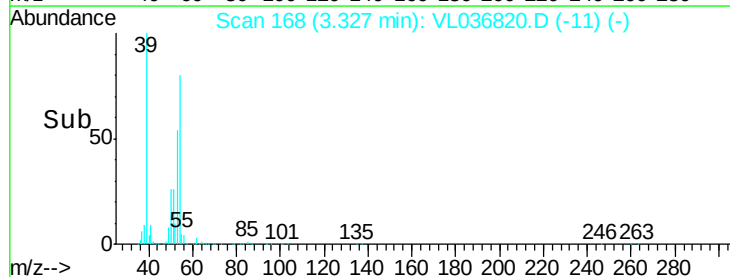
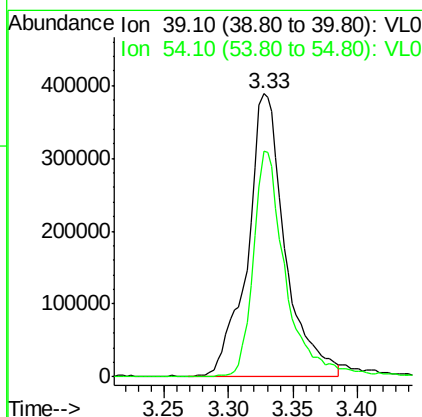
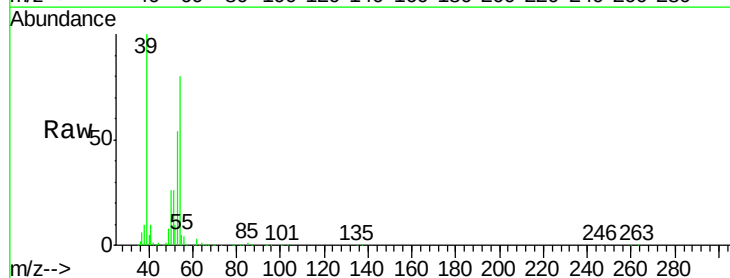
Manual Integrations
APPROVED

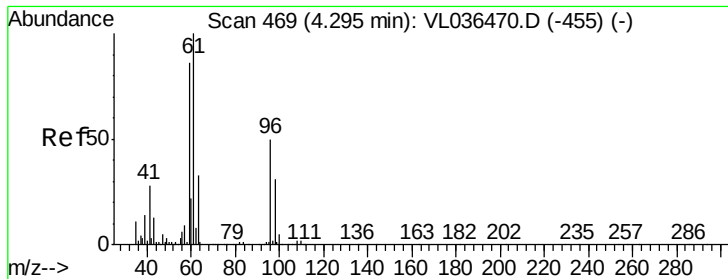
Reviewed By :Semsettin Yesilyurt 04/21/2021
Supervised By :Mahesh Dadoda 04/21/2021



#16
1,3-Butadiene
Concen: 8.648 ppbv
RT: 3.33 min Scan# 168
Delta R.T. 0.00 min
Lab File: VL036820.D
Acq: 20 Apr 2021 12:50

Tgt Ion: 39 Resp: 783602
Ion Ratio Lower Upper
39 100
54 70.8 58.8 88.2





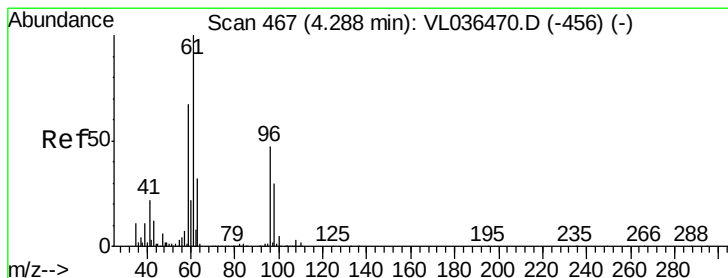
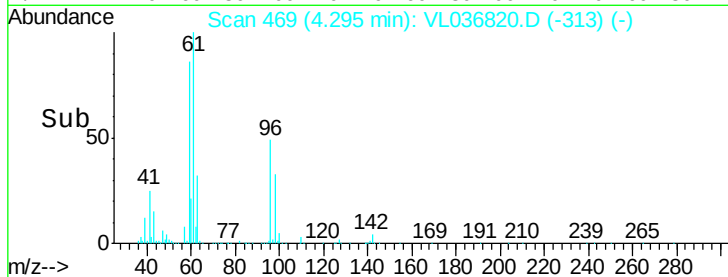
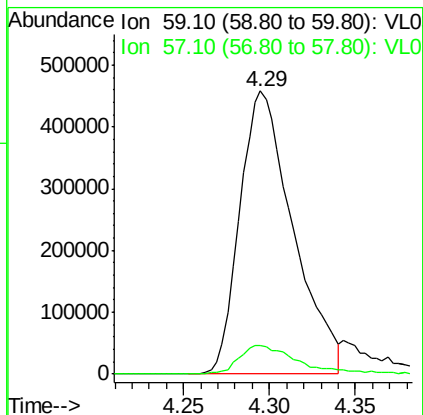
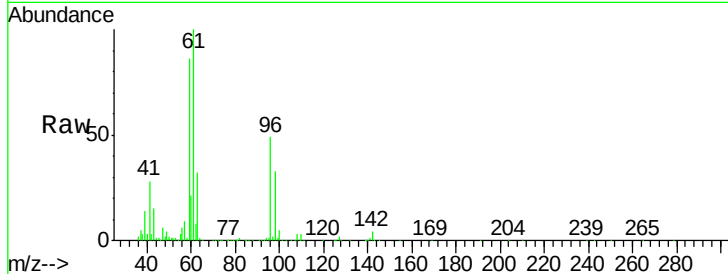
#17

tert-Butyl alcohol
Concen: 8.704 ppbv
RT: 4.29
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 20 Apr 2021 12:50

Tot Ion:
Ion Ratio
59 100
57 11.

Manual Integrations
APPROVED

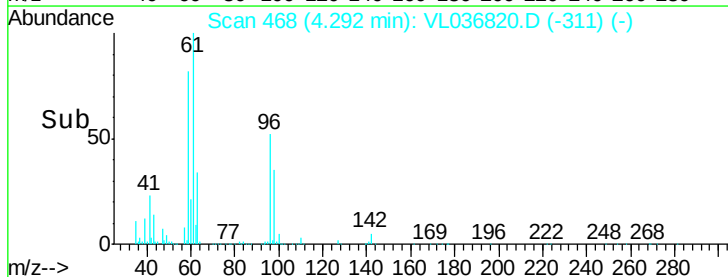
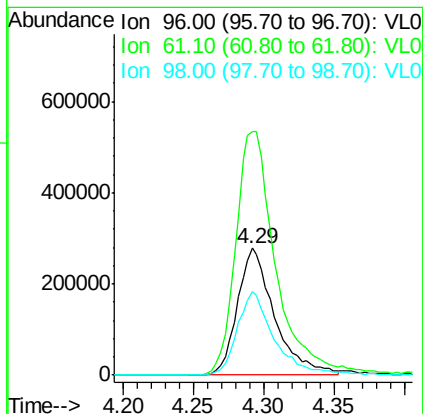
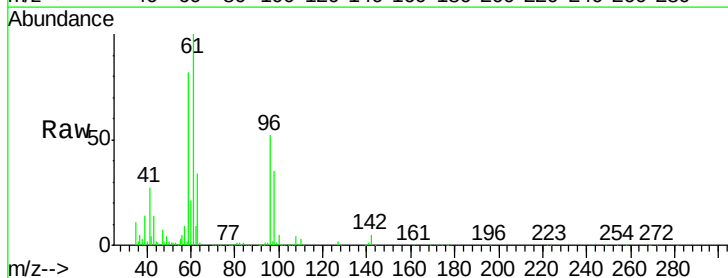
Reviewed By :Semsettin Yesilyurt 04/21/2021
Supervised By :Mahesh Dadoda 04/21/2021

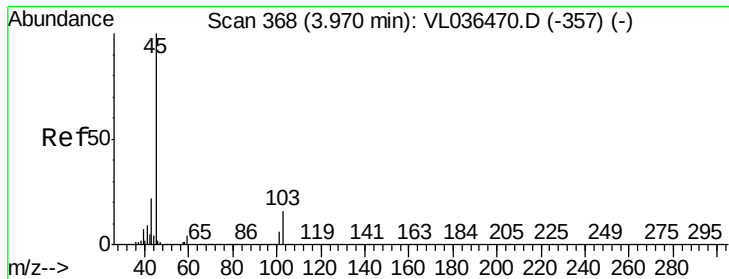


#18

1,1-Dichloroethene
Concen: 8.251 ppbv
RT: 4.29 min Scan# 468
Delta R.T.: 0.00 min
Lab File: VL036820.D
Acq: 20 Apr 2021 12:50

Tgt Ion: 96 Resp: 515778
Ion Ratio Lower Upper
96 100
61 192.0 168.6 253.0
98 66.3 50.8 76.2





#19

Isopropyl Alcohol

Concen: 8.216 ppbv

RT: 3.97

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 20 Apr 2021 12:50

Tot Ion:

Ion Ratio

45 100

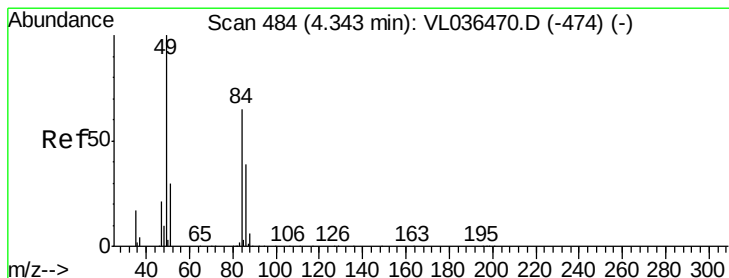
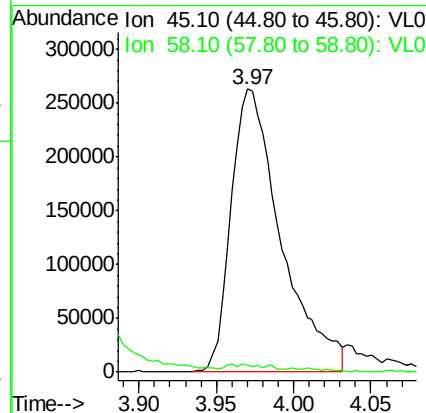
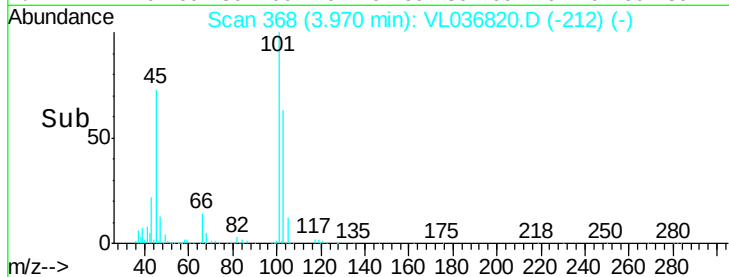
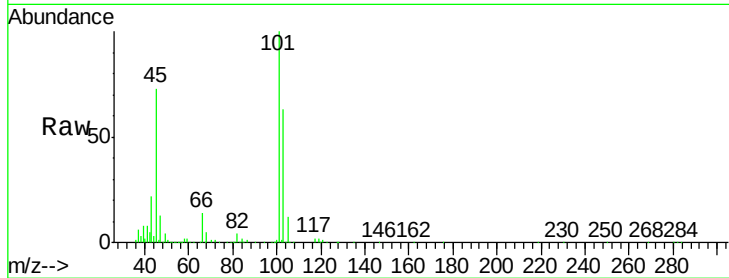
58 3.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/21/2021

Supervised By :Mahesh Dadoda 04/21/2021



#20

Methylene Chloride

Concen: 6.750 ppbv

RT: 4.35 min Scan# 485

Delta R.T. 0.00 min

Lab File: VL036820.D

Acq: 20 Apr 2021 12:50

Tgt Ion: 84 Resp: 411346

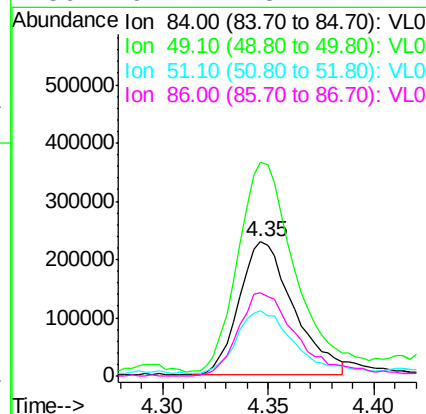
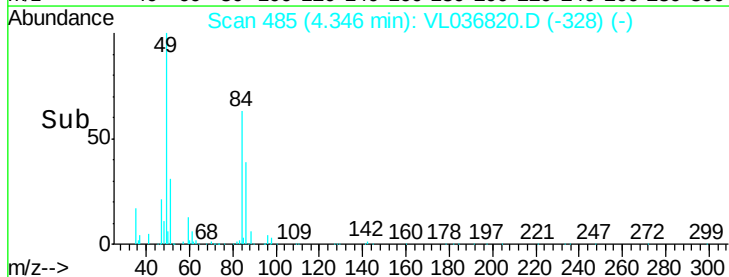
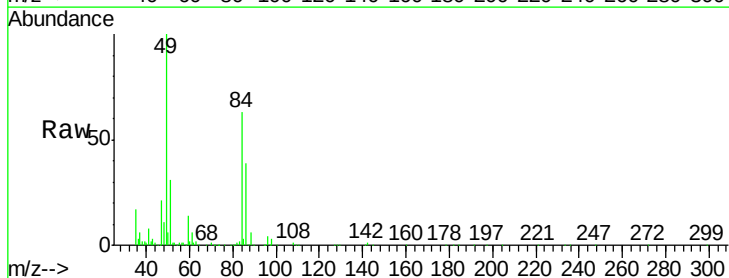
Ion Ratio Lower Upper

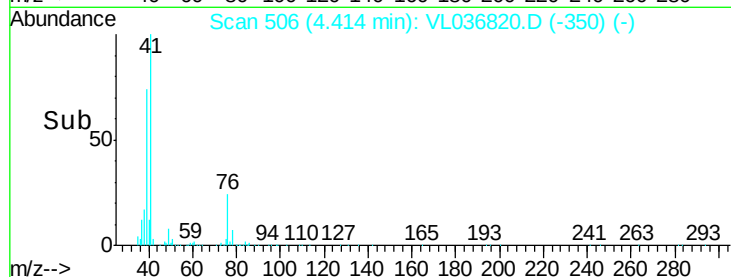
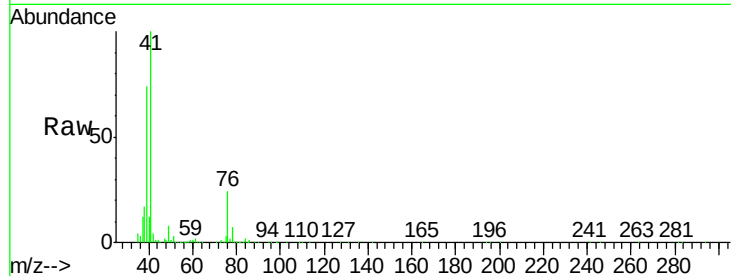
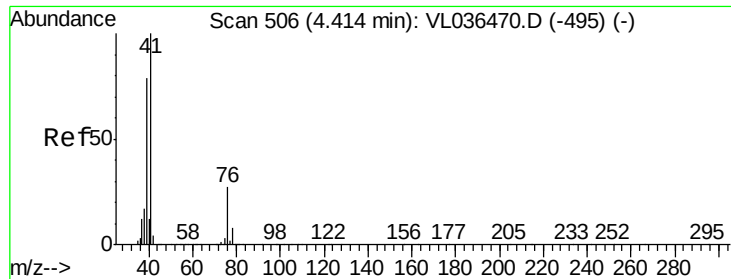
84 100

49 157.3 122.9 184.3

51 47.1 36.9 55.3

86 62.7 48.2 72.4



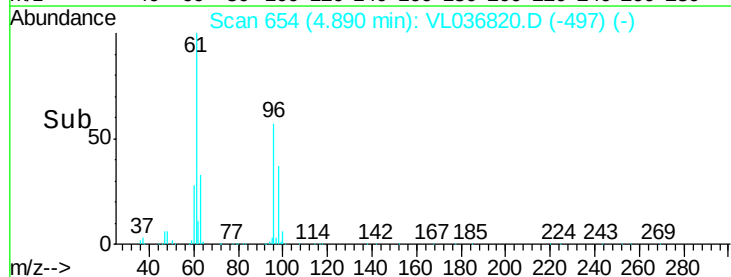
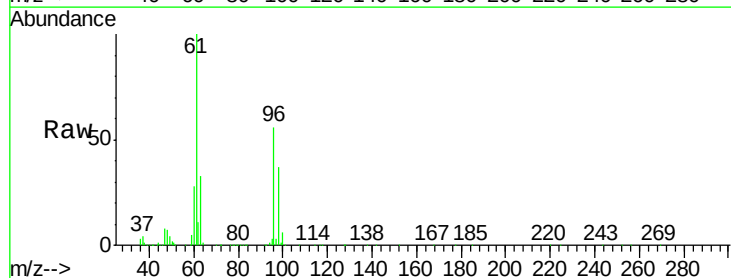
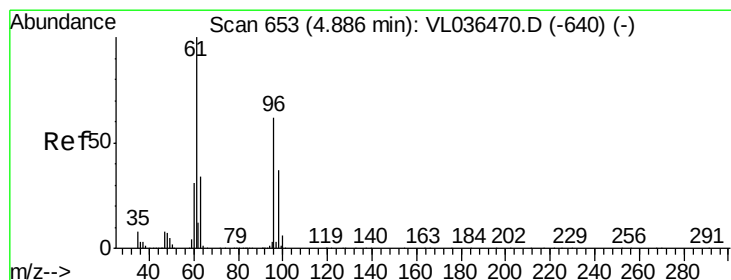
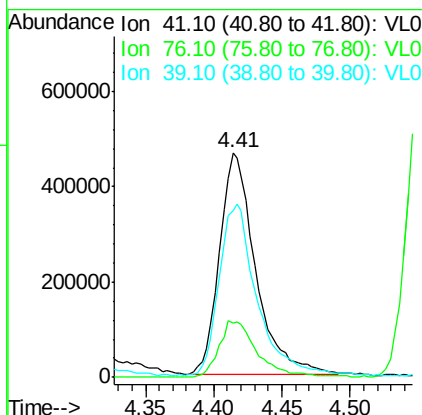


#21
 Allvl Chloride
 Concen: 8.250 ppbv
 RT: 4.41
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL0420ABS01
 Acq: 20 Apr 2021 12:50

Tot Ion:
 Ion Ratio
 41 100
 76 27.
 39 81.

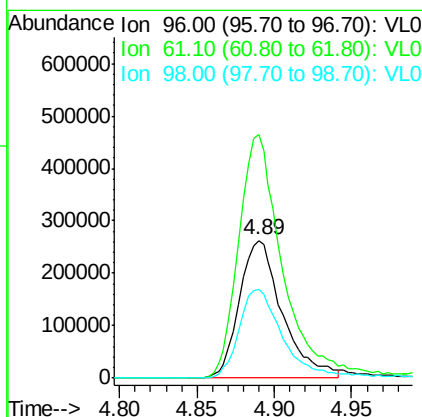
Manual Integrations
 APPROVED

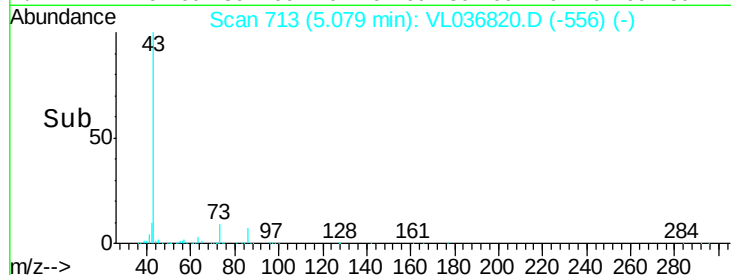
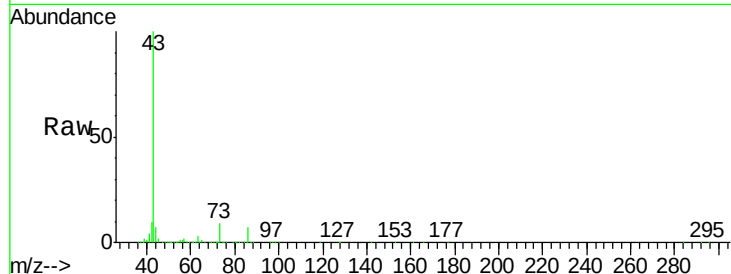
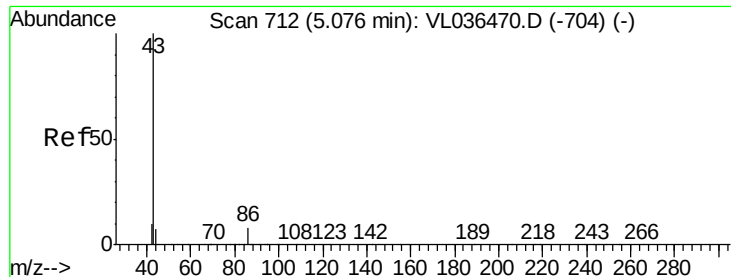
Reviewed By :Semsettin Yesilyurt 04/21/2021
 Supervised By :Mahesh Dadoda 04/21/2021



#22
 trans-1,2-Dichloroethene
 Concen: 8.769 ppbv
 RT: 4.89 min Scan# 654
 Delta R.T. 0.00 min
 Lab File: VL036820.D
 Acq: 20 Apr 2021 12:50

Tgt Ion: 96 Resp: 508163
 Ion Ratio Lower Upper
 96 100
 61 177.1 129.4 194.0
 98 65.0 48.2 72.4



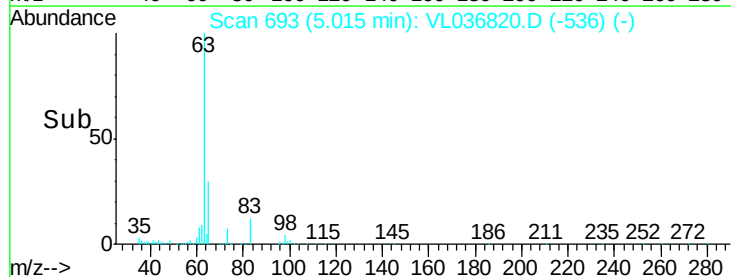
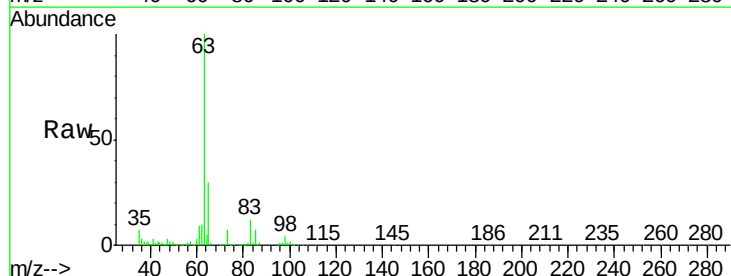
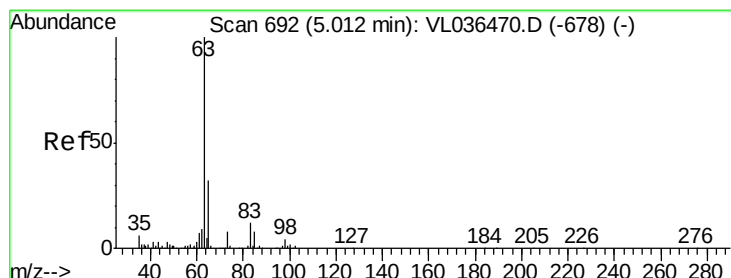
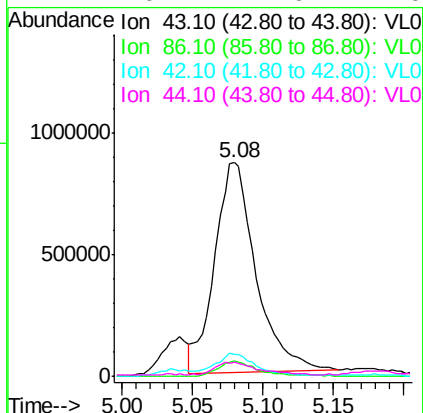


#23
 Vinyl Acetate
 Concen: 7.911 ppbv
 RT: 5.08
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VL0420ABS01
 Acq: 20 Apr 2021 12:50

Tot Ion:
 Ion Ratio
 43 100
 86 7.
 42 9.
 44 6.1 4.6 7.0

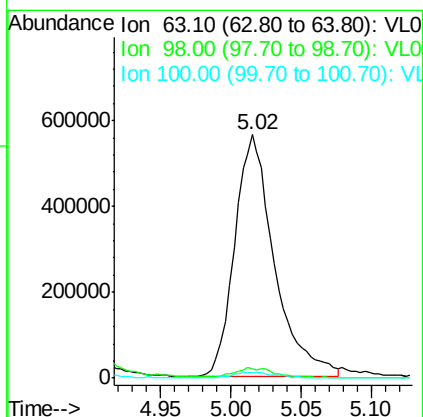
Manual Integrations
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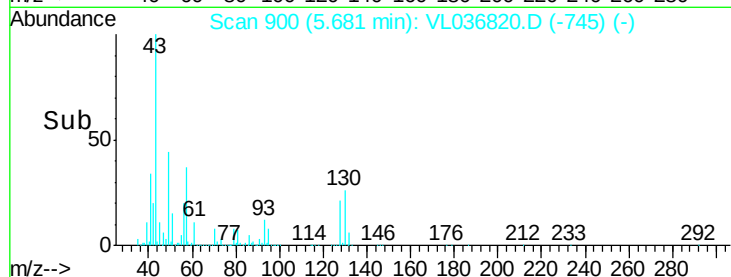
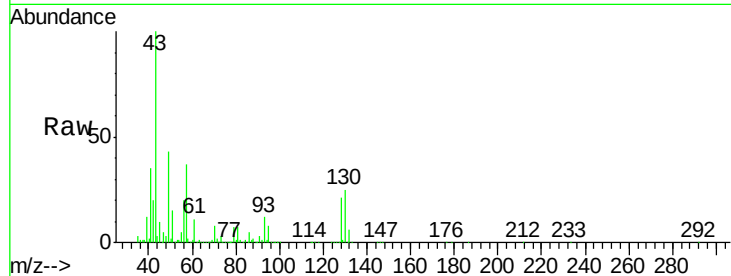
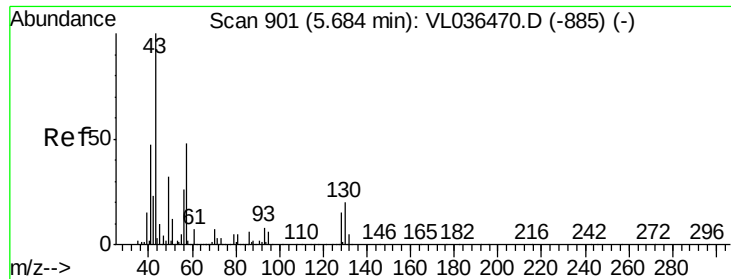
Reviewed By :Semsettin Yesilyurt 04/21/2021
 Supervised By :Mahesh Dadoda 04/21/2021



#24
 1,1-Dichloroethane
 Concen: 6.901 ppbv
 RT: 5.02 min Scan# 693
 Delta R.T. 0.00 min
 Lab File: VL036820.D
 Acq: 20 Apr 2021 12:50

Tgt Ion: 63 Resp: 1119825
 Ion Ratio Lower Upper
 63 100
 98 3.3 2.1 6.2
 100 2.1 0.9 2.8



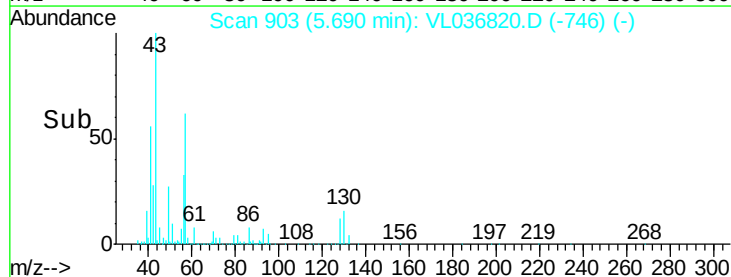
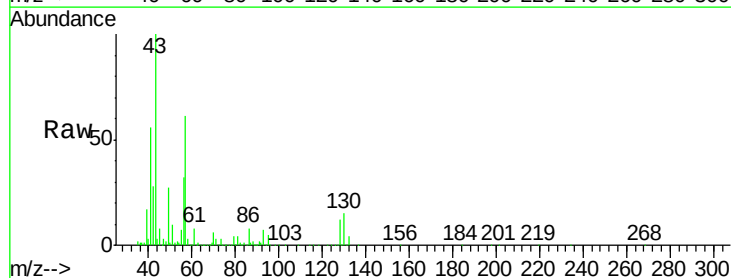
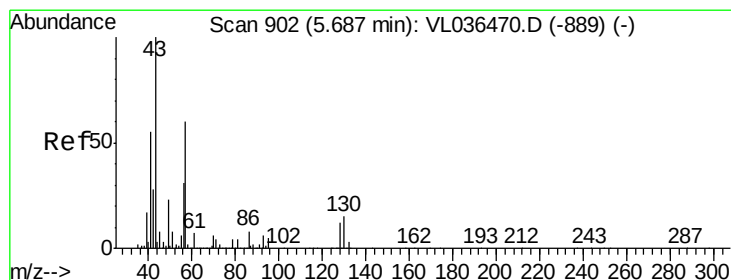
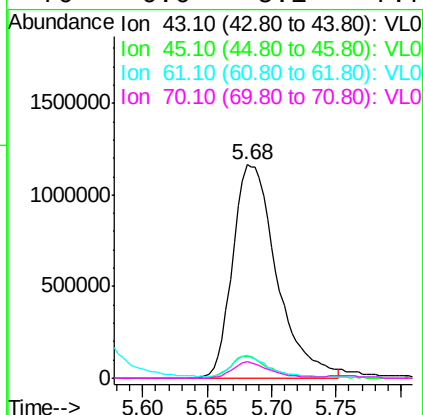


#25
Ethyl Acetate
Concen: 8.914 ppbv
RT: 5.68
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL0420ABS01
Acq: 20 Apr 2021 12:50

Tot Ion:
Ion Ratio
43 100
45 9.
61 9.
70 6.6 5.1 7.7

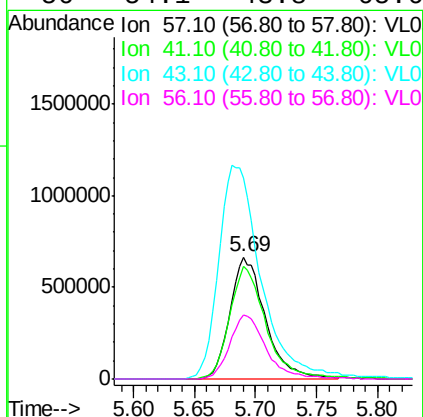
Manual Integrations
APPROVED

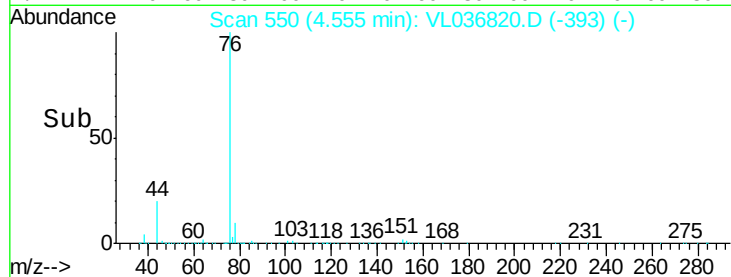
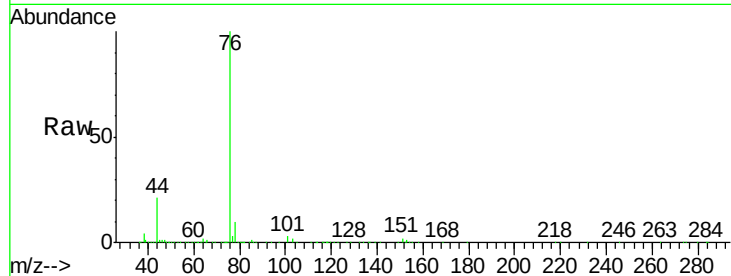
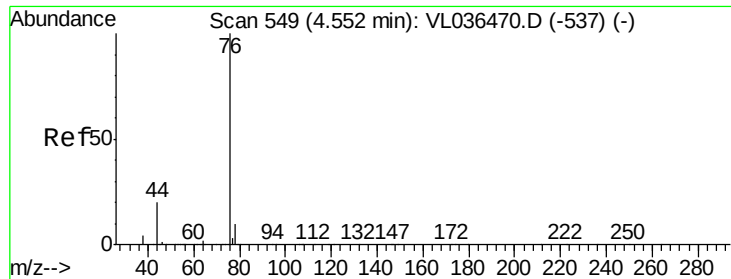
Reviewed By :Semsettin Yesilyurt 04/21/2021
Supervised By :Mahesh Dadoda 04/21/2021



#26
Hexane
Concen: 9.397 ppbv
RT: 5.69 min Scan# 903
Delta R.T.: 0.00 min
Lab File: VL036820.D
Acq: 20 Apr 2021 12:50

Tgt Ion: 57 Resp: 1349354
Ion Ratio Lower Upper
57 100
41 95.1 77.2 115.8
43 211.1 173.8 260.6
56 54.1 43.8 65.6





#27

Carbon Disulfide

Concen: 8.991 ppbv

RT: 4.56 Instrument: MSVOA_1

Delta R.T. 0.00 min

Lab File: ClientSampleId: VL0420ABS01

Acq: 20 Apr 2021 12:50

Tot Ion:

Ion Ratio

76 100

44 22.

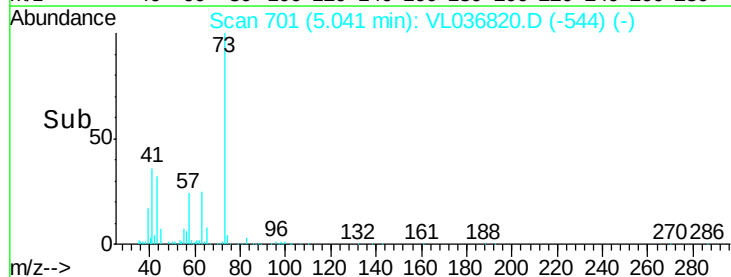
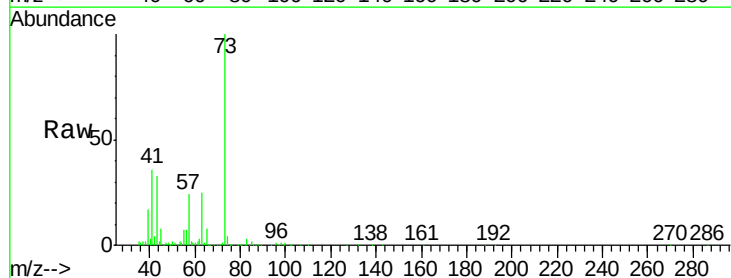
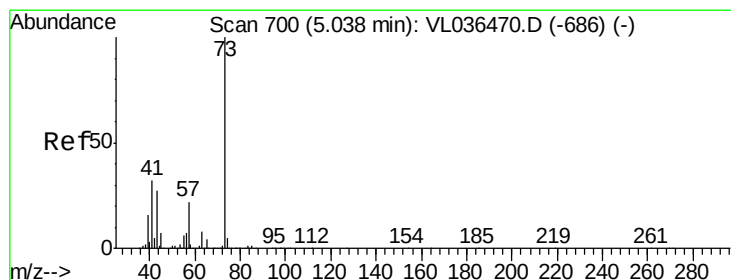
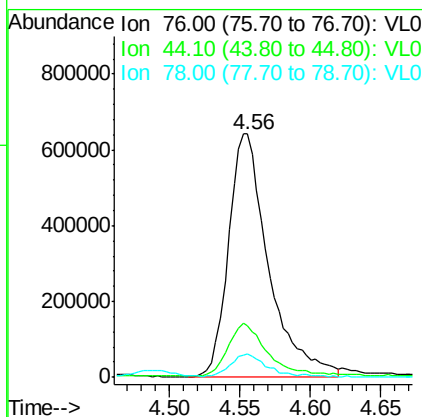
78 9.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/21/2021

Supervised By :Mahesh Dadoda 04/21/2021



#28

Methyl tert-Butyl Ether

Concen: 6.665 ppbv

RT: 5.04 min Scan# 701

Delta R.T. 0.00 min

Lab File: VL036820.D

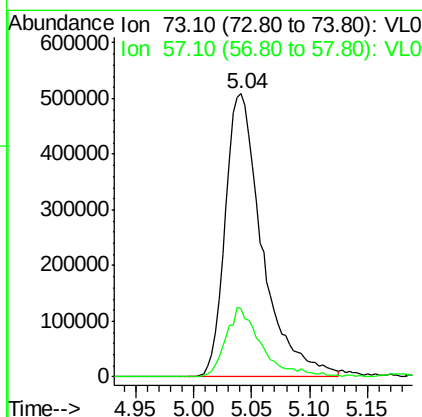
Acq: 20 Apr 2021 12:50

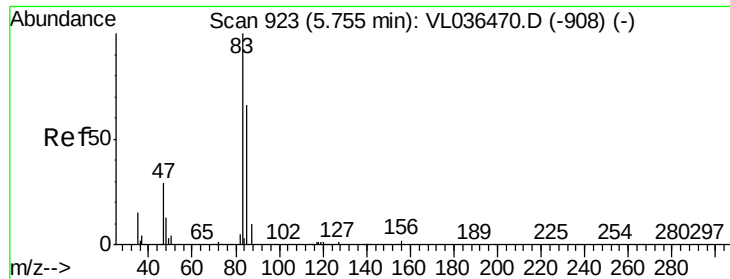
Tgt Ion: 73 Resp: 1128638

Ion Ratio Lower Upper

73 100

57 23.9 18.5 27.7



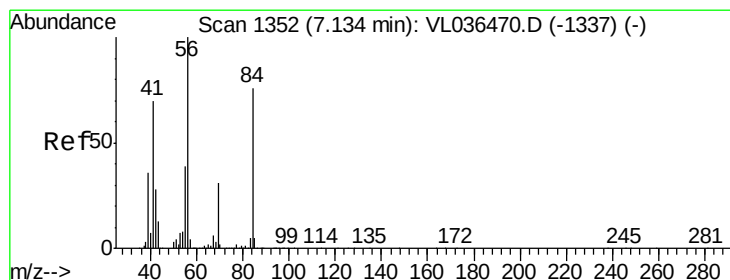
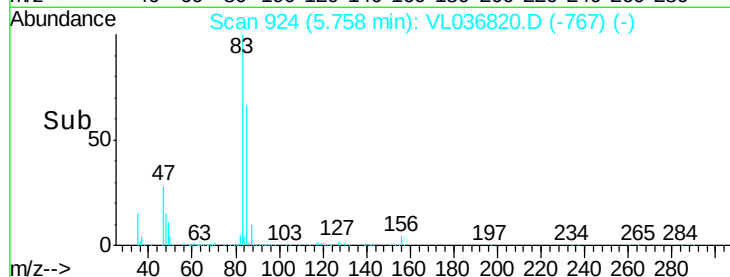
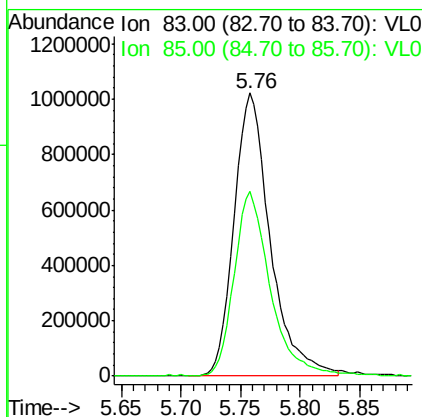
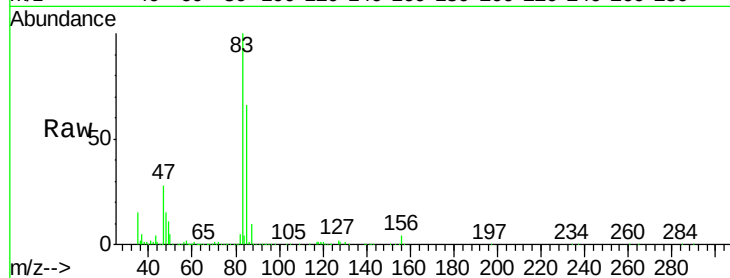


#29
Chloroform
Concen: 9.388 ppbv
RT: 5.76
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 20 Apr 2021 12:50

Tot Ion:
Ion Ratio
83 100
85 65.

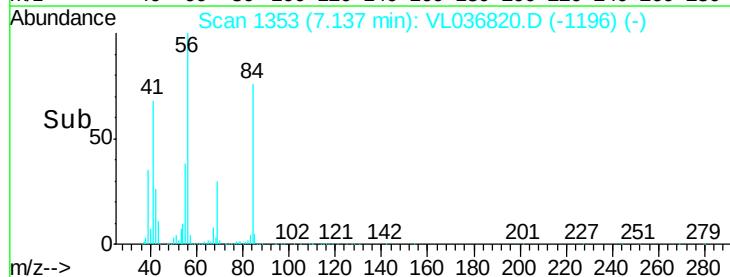
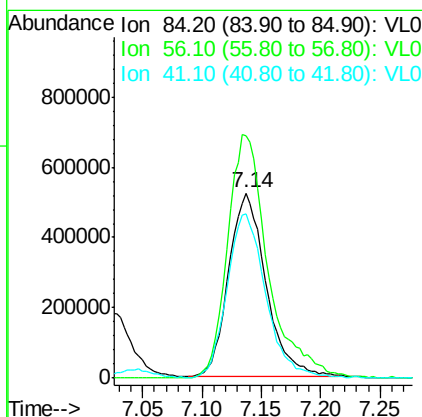
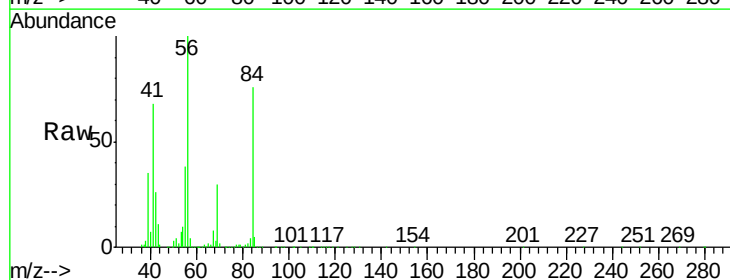
Manual Integrations
APPROVED

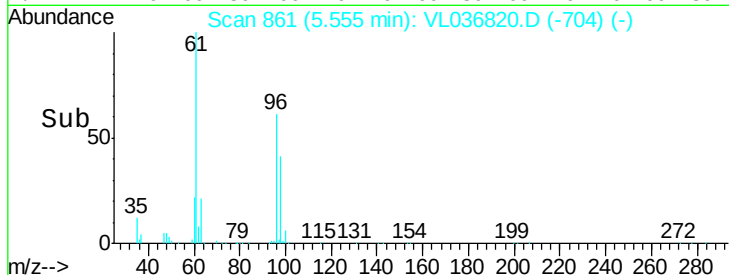
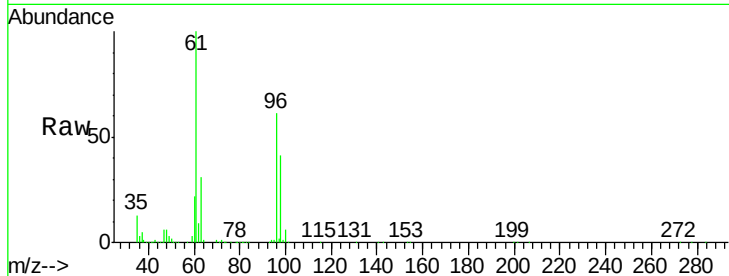
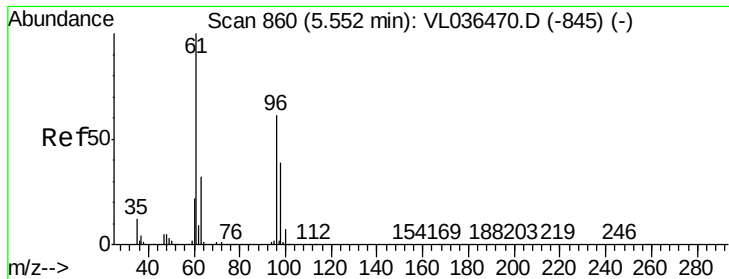
Reviewed By :Semsettin Yesilyurt 04/21/2021
Supervised By :Mahesh Dadoda 04/21/2021



#30
Cyclohexane
Concen: 9.815 ppbv
RT: 7.14 min Scan# 1353
Delta R.T. 0.00 min
Lab File: VL036820.D
Acq: 20 Apr 2021 12:50

Tgt Ion: 84 Resp: 1143007
Ion Ratio Lower Upper
84 100
56 144.3 114.6 171.8
41 92.8 75.3 112.9



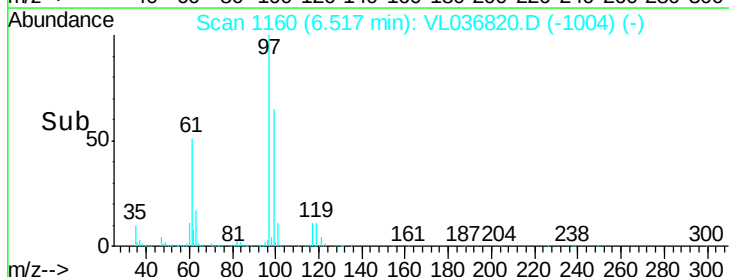
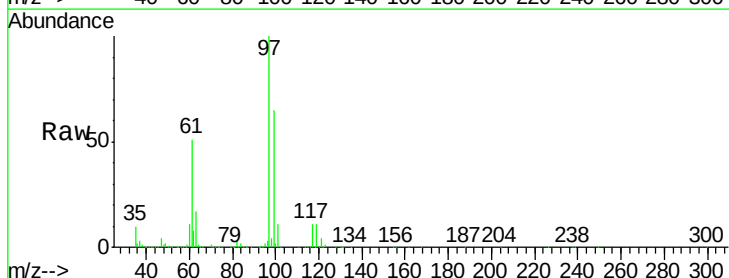
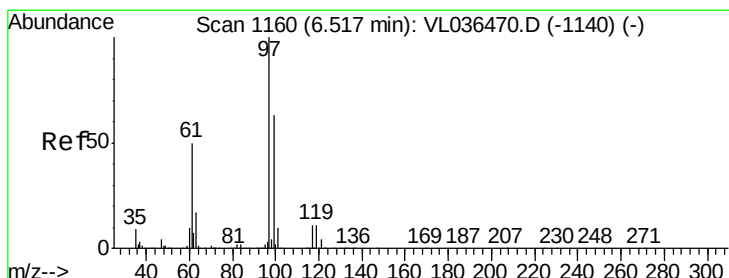
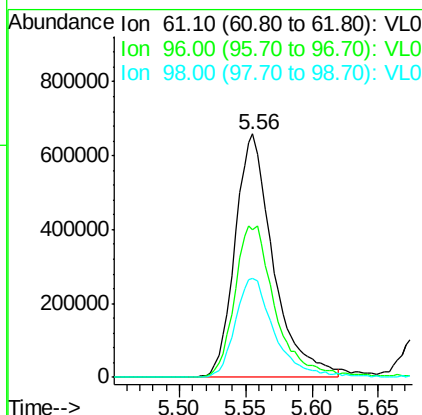


#31
 cis-1,2-Dichloroethene
 Concen: 9.488 ppbv
 RT: 5.56
 Instrument: MSVOA_1
 Delta R.T.:
 ClientSampleId:
 Lab File: VL0420ABS01
 Acq: 20 Apr 2021 12:50

Tot Ion:
 Ion Ratio
 61 100
 96 60.
 98 40.

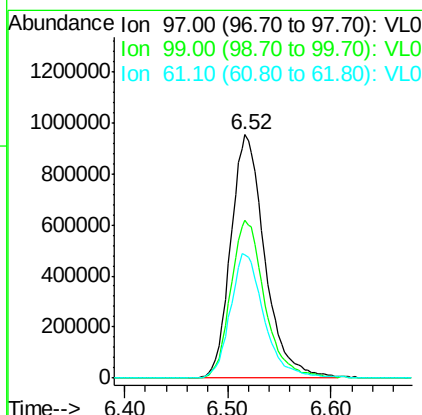
Manual Integrations
 APPROVED

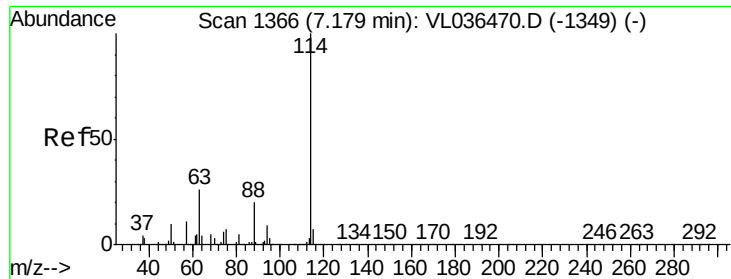
Reviewed By :Semsettin Yesilyurt 04/21/2021
 Supervised By :Mahesh Dadoda 04/21/2021



#32
 1,1,1-Trichloroethane
 Concen: 9.477 ppbv
 RT: 6.52 min Scan# 1160
 Delta R.T. 0.00 min
 Lab File: VL036820.D
 Acq: 20 Apr 2021 12:50

Tgt Ion: 97 Resp: 2193242
 Ion Ratio Lower Upper
 97 100
 99 65.1 51.4 77.0
 61 51.1 40.6 60.8



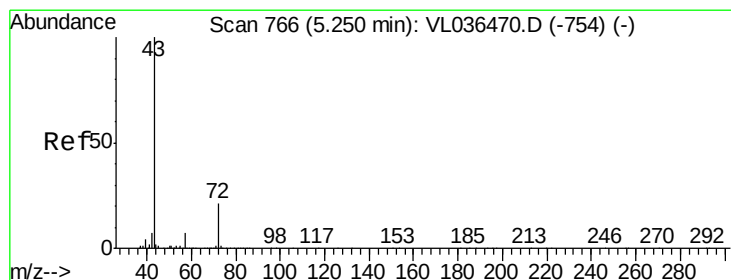
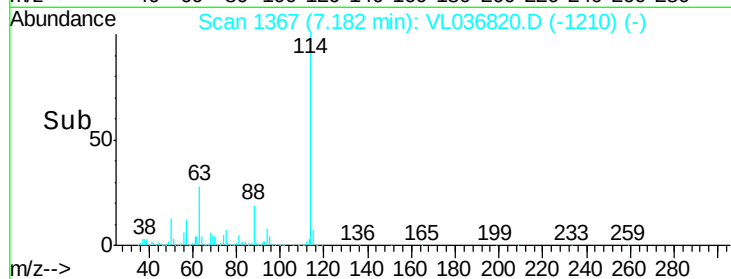
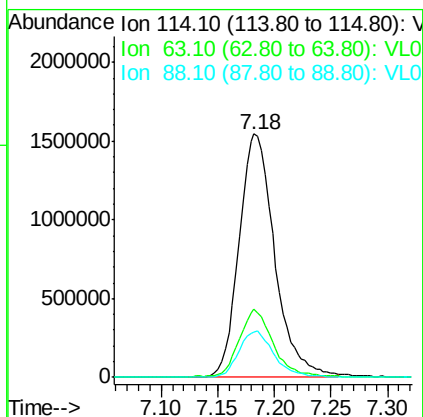
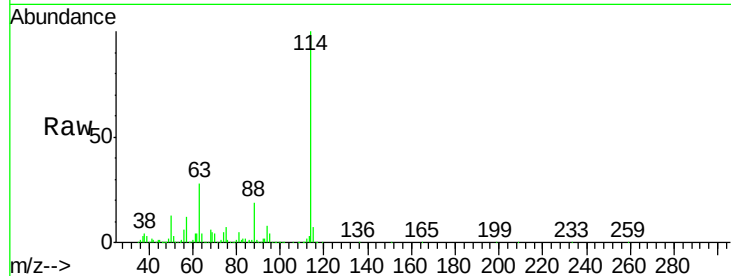


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL0420ABS01
 Acq: 20 Apr 2021 12:50

Tot Ion: 1
 Ion Ratio
 114 100
 63 27.
 88 19.

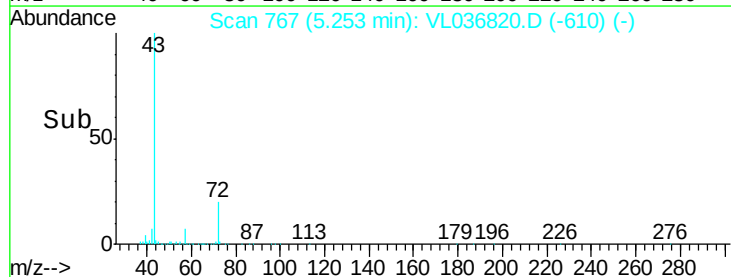
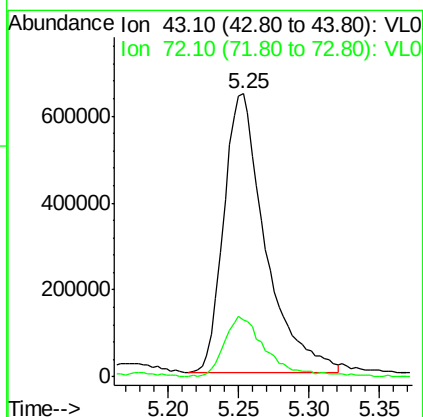
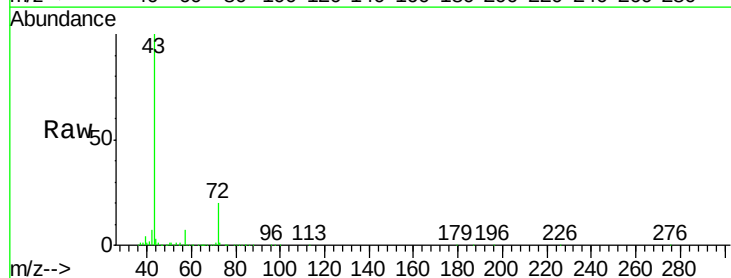
Manual Integrations
 APPROVED

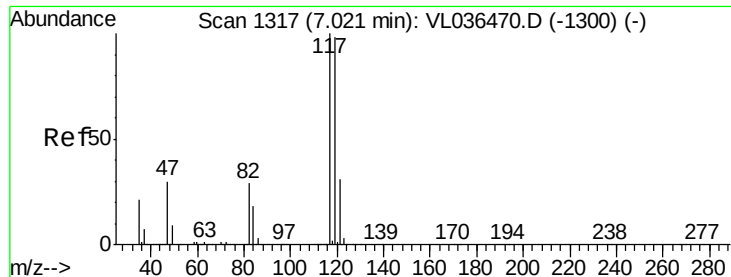
Reviewed By : Semsettin Yesilyurt 04/21/2021
 Supervised By : Mahesh Dadoda 04/21/2021



#34
 2-Butanone
 Concen: 8.010 ppbv
 RT: 5.25 min Scan# 767
 Delta R.T.: 0.00 min
 Lab File: VL036820.D
 Acq: 20 Apr 2021 12:50

Tgt Ion: 43 Resp: 1328179
 Ion Ratio Lower Upper
 43 100
 72 22.3 17.0 25.6



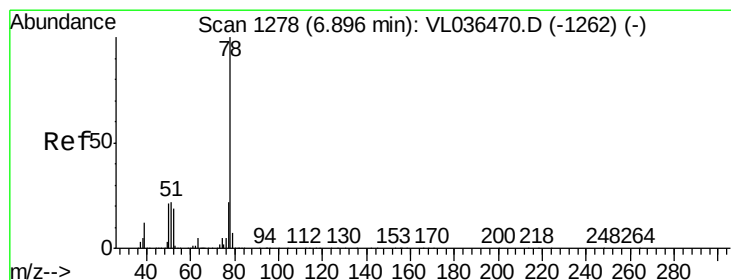
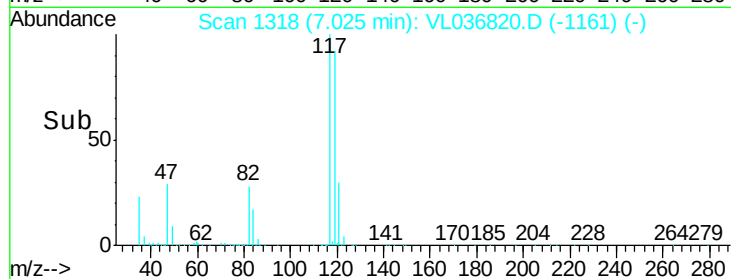
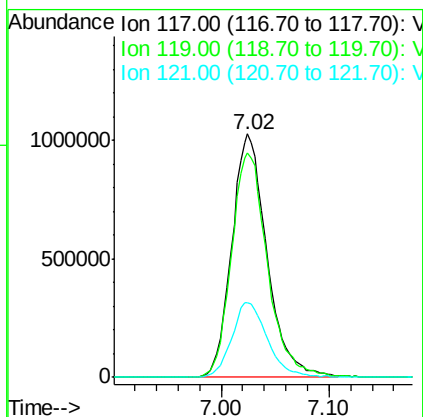
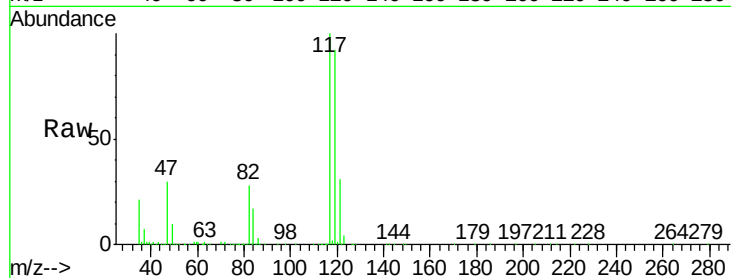


#35
Carbon Tetrachloride
Concen: 8.928 ppbv
RT: 7.02
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId : VL0420ABS01
Acq: 20 Apr 2021 12:50

Tot Ion:1
Ion Rati
117 100
119 92.
121 30.

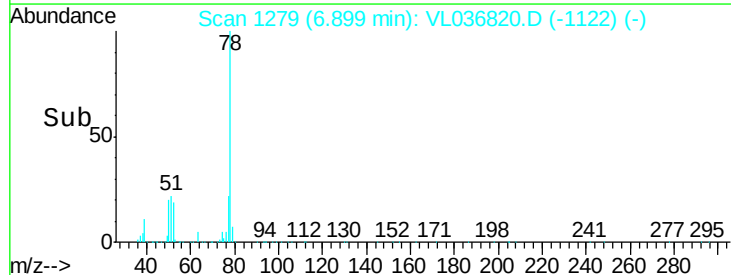
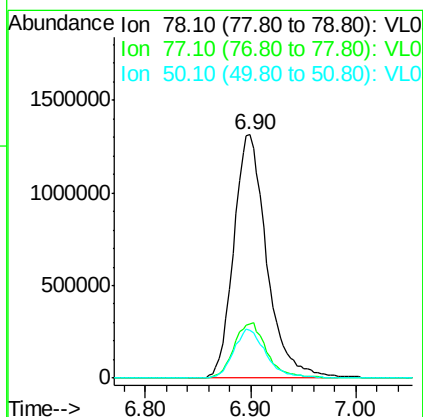
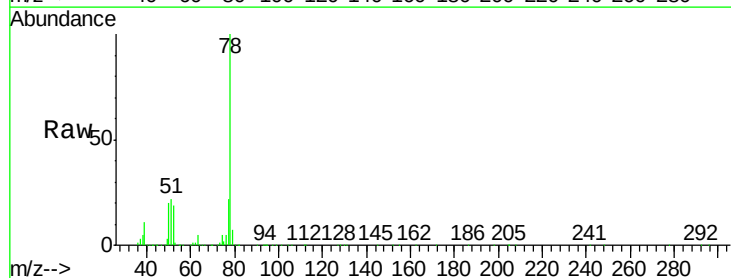
Manual Integrations
APPROVED

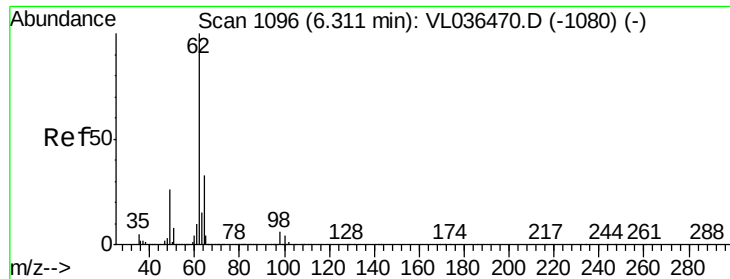
Reviewed By :Semsettin Yesilyurt 04/21/2021
Supervised By :Mahesh Dadoda 04/21/2021



#36
Benzene
Concen: 9.097 ppbv
RT: 6.90 min Scan# 1279
Delta R.T. 0.00 min
Lab File: VL036820.D
Acq: 20 Apr 2021 12:50

Tgt Ion: 78 Resp: 2849771
Ion Ratio Lower Upper
78 100
77 22.3 18.0 27.0
50 19.5 16.5 24.7



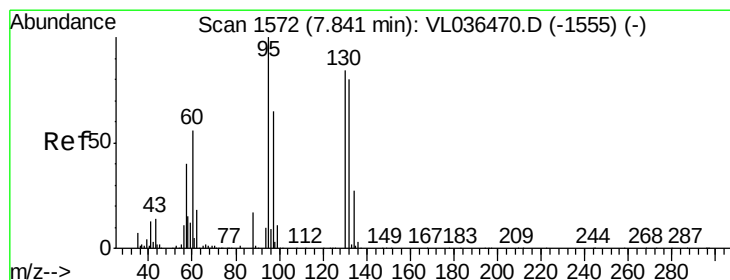
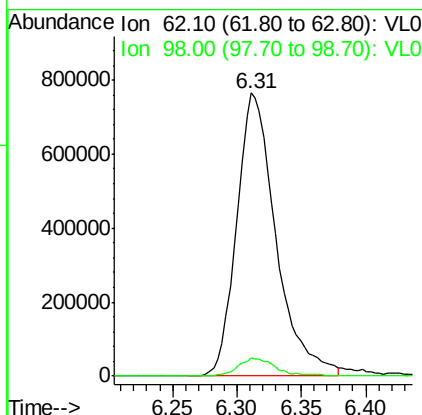
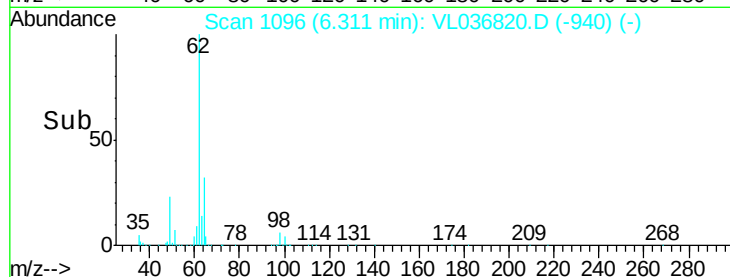
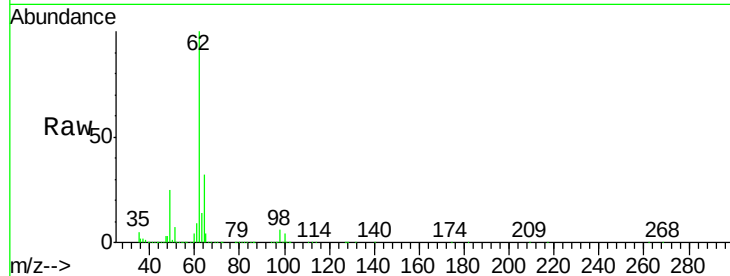


#37
 1,2-Dichloroethane
 Concen: 8.796 ppbv
 RT: 6.31
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL0420ABS01
 Acq: 20 Apr 2021 12:50

Tot Ion:
 Ion Ratio
 62 100
 98 6.

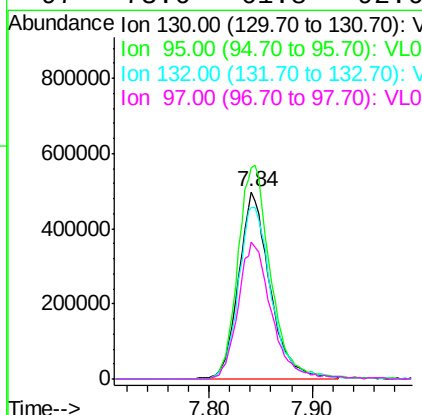
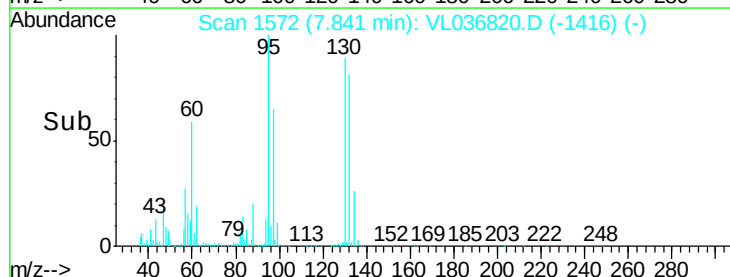
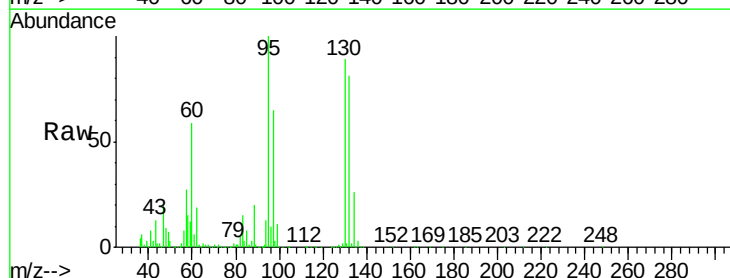
Manual Integrations
 APPROVED

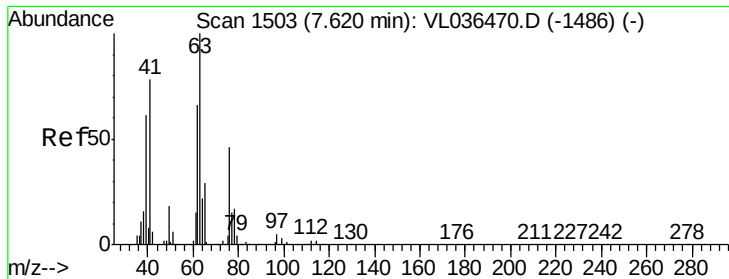
Reviewed By :Semsettin Yesilyurt 04/21/2021
 Supervised By :Mahesh Dadoda 04/21/2021



#38
 Trichloroethene
 Concen: 8.524 ppbv
 RT: 7.84 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: VL036820.D
 Acq: 20 Apr 2021 12:50

Tgt Ion:130 Resp: 1039214
 Ion Ratio Lower Upper
 130 100
 95 113.1 95.7 143.5
 132 91.6 76.2 114.4
 97 73.6 61.8 92.6



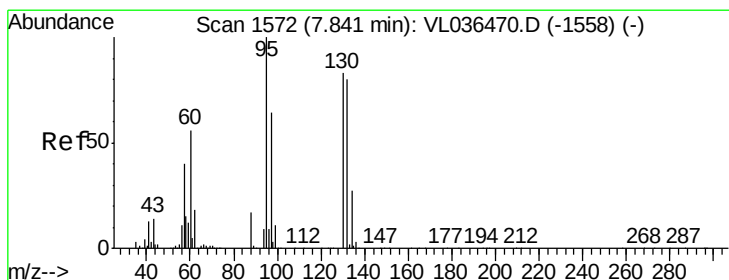
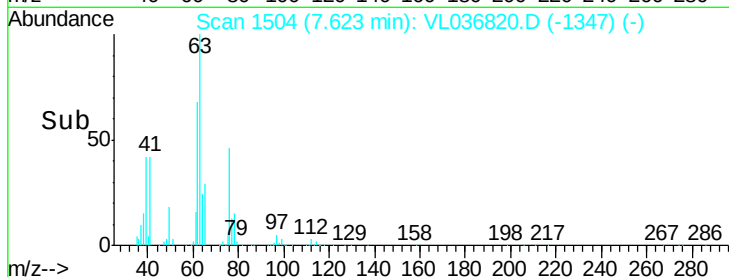
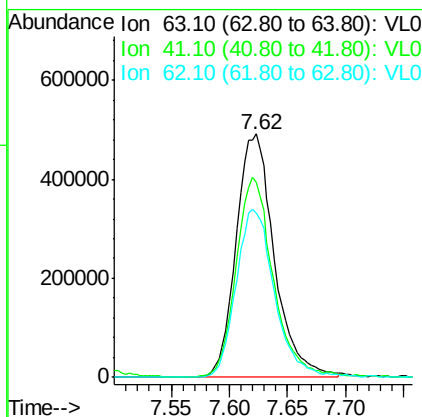
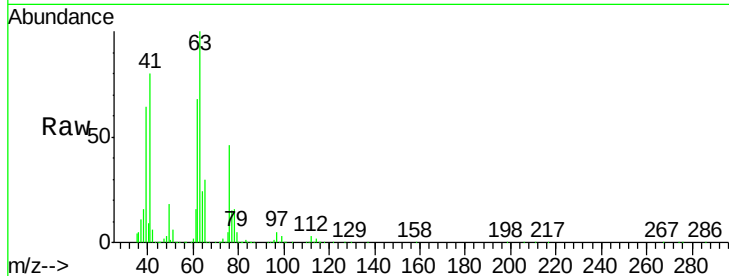


#39
 1,2-Dichloropropane
 Concen: 8.821 ppbv
 RT: 7.62
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VL0420ABS01
 Acq: 20 Apr 2021 12:50

Tot Ion:
 Ion Ratio
 63 100
 41 79.
 62 67.

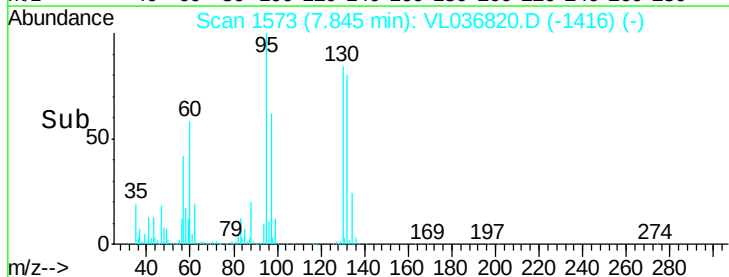
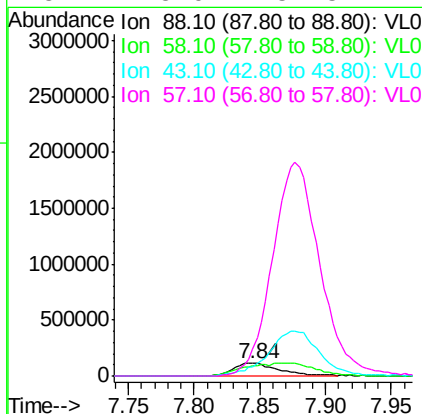
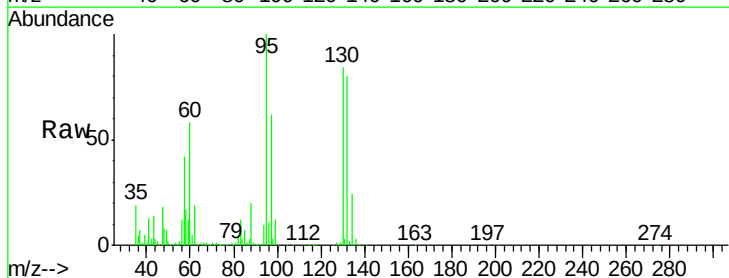
Manual Integrations
 APPROVED

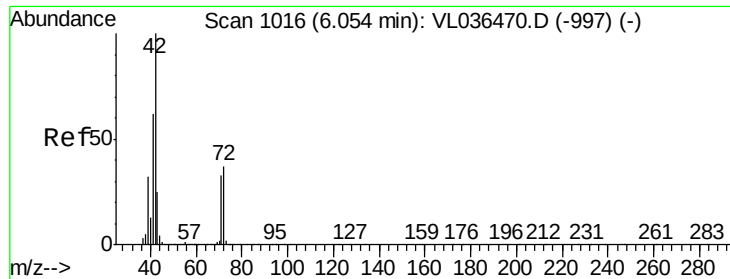
Reviewed By :Semsettin Yesilyurt 04/21/2021
 Supervised By :Mahesh Dadoda 04/21/2021



#40
 1,4-Dioxane
 Concen: 9.524 ppbv m
 RT: 7.84 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: VL036820.D
 Acq: 20 Apr 2021 12:50

Tgt Ion: 88 Resp: 281683
 Ion Ratio Lower Upper
 88 100
 58 157.9 134.1 201.1
 43 386.6 346.6 520.0
 57 1715.9 1481.8 2222.8



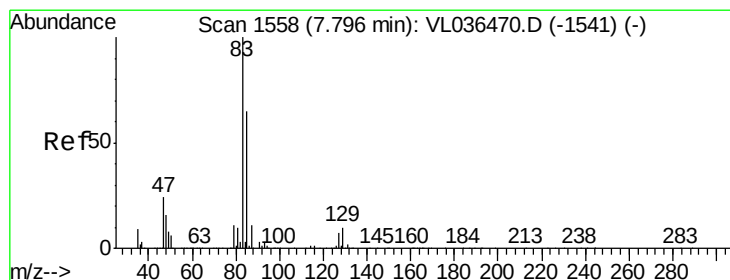
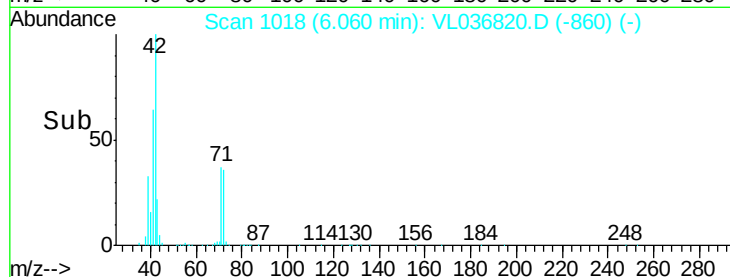
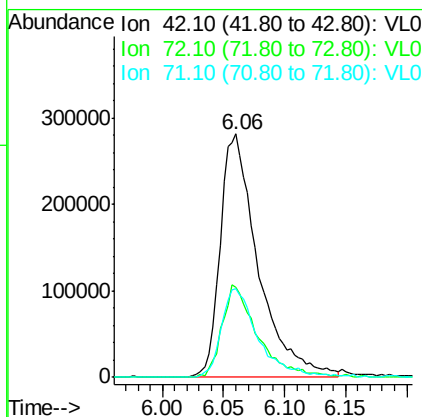
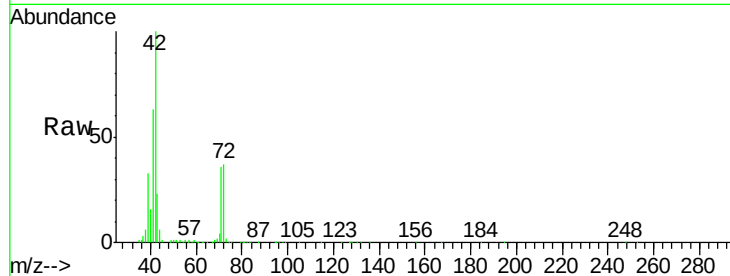


#41
Tetrahydrofuran
Concen: 8.004 ppbv
RT: 6.06
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 20 Apr 2021 12:50

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

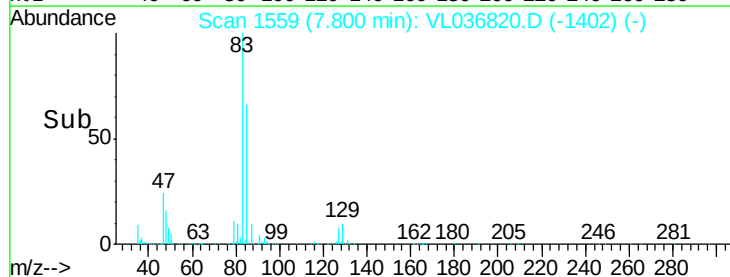
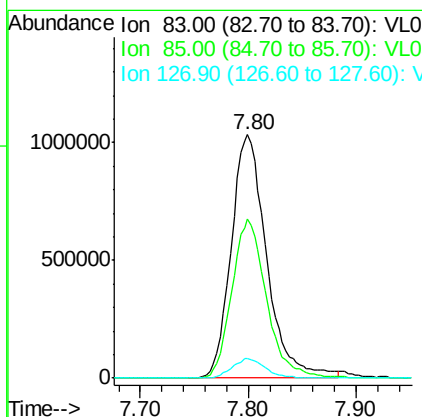
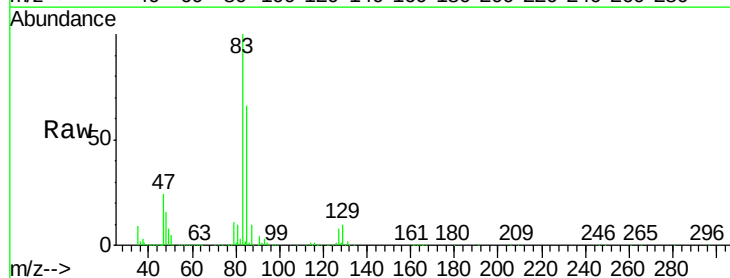
Manual Integrations
APPROVED

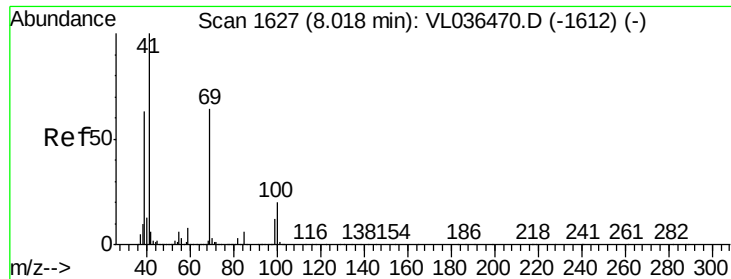
Reviewed By :Semsettin Yesilyurt 04/21/2021
Supervised By :Mahesh Dadoda 04/21/2021



#42
Bromodichloromethane
Concen: 9.463 ppbv
RT: 7.80 min Scan# 1559
Delta R.T.: 0.00 min
Lab File: VL036820.D
Acq: 20 Apr 2021 12:50

Tgt Ion: 83 Resp: 2373266
Ion Ratio Lower Upper
83 100
85 65.6 51.8 77.6
127 8.2 5.8 8.8





#43

Methyl Methacrylate

Concen: 10.052 ppbv

RT: 8.02

Instrument: MSVOA_1

Delta R.T.:

Client Sample Id:

Lab File: VL0420ABS01

Acq: 20 Apr 2021 12:50

Tot Ion:

Ion Ratio

69 100

41 153.

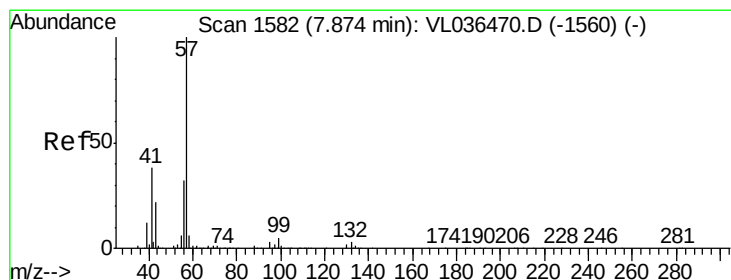
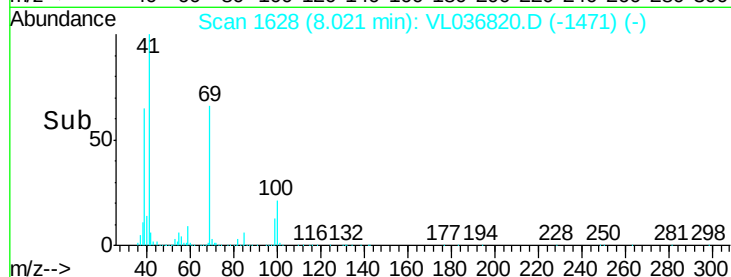
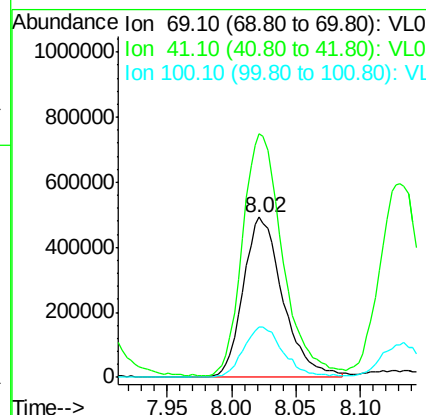
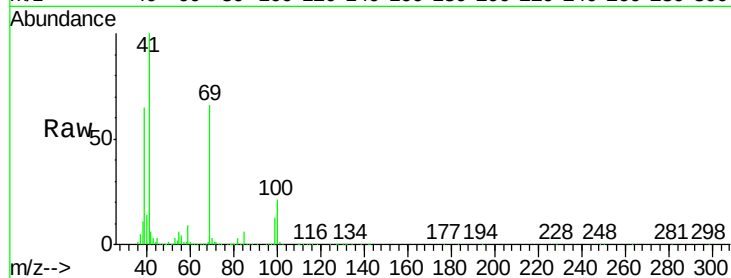
100 32.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/21/2021

Supervised By :Mahesh Dadoda 04/21/2021



#44

2,2,4-Trimethylpentane

Concen: 8.738 ppbv

RT: 7.88 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VL036820.D

Acq: 20 Apr 2021 12:50

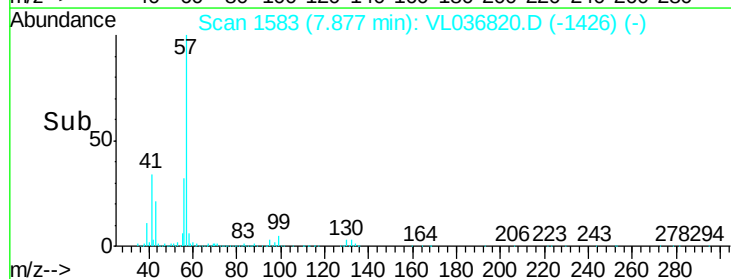
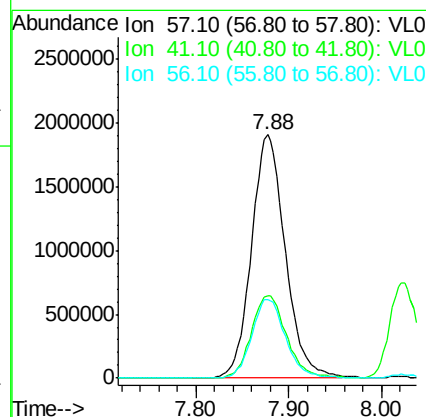
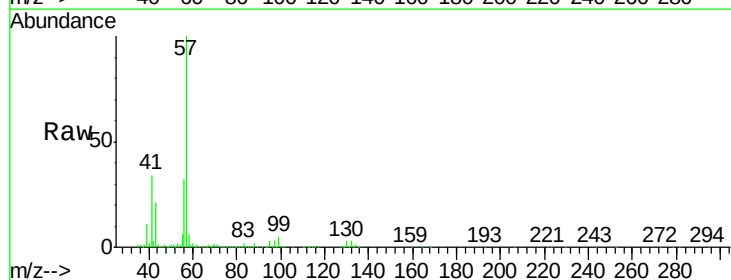
Tgt Ion: 57 Resp: 4817526

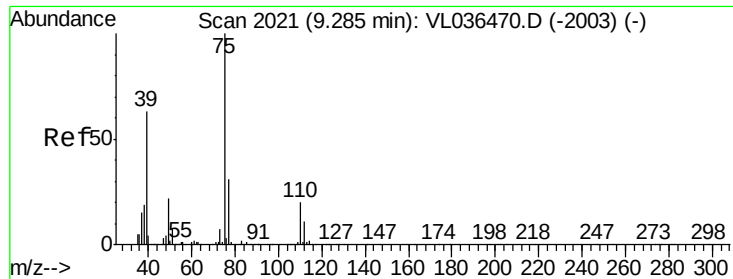
Ion Ratio Lower Upper

57 100

41 35.4 28.8 43.2

56 32.3 26.1 39.1



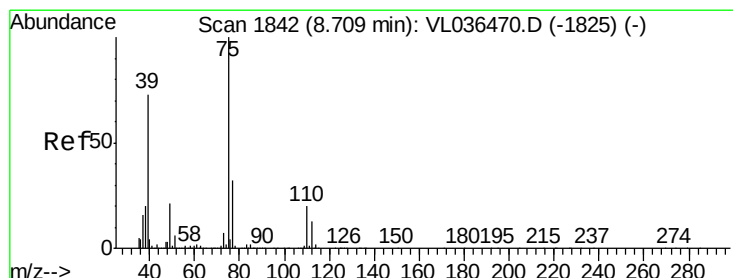
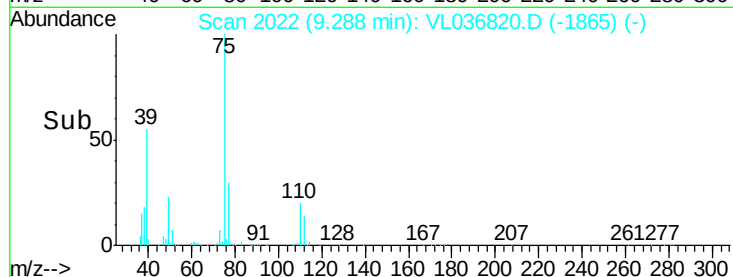
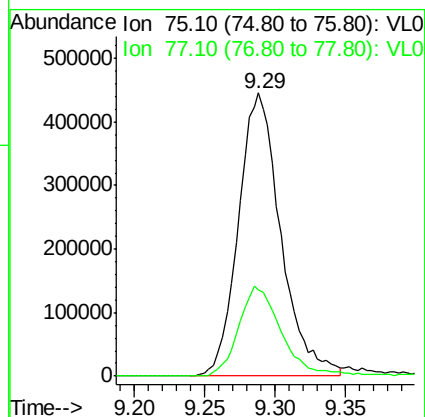
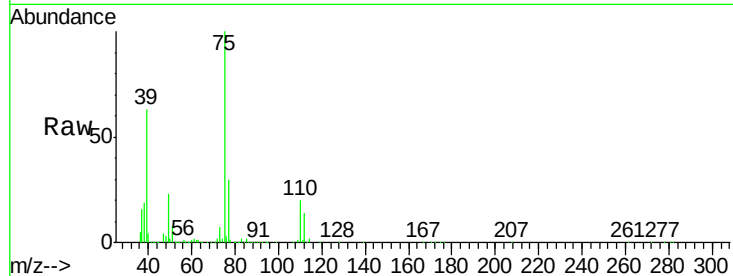


#45
t-1,3-Dichloropropene
Concen: 7.733 ppbv
RT: 9.29
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL0420ABS01
Acq: 20 Apr 2021 12:50

Tot Ion:
Ion Ratio
75 100
77 30.

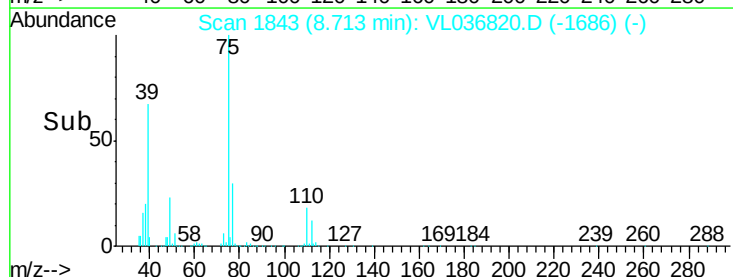
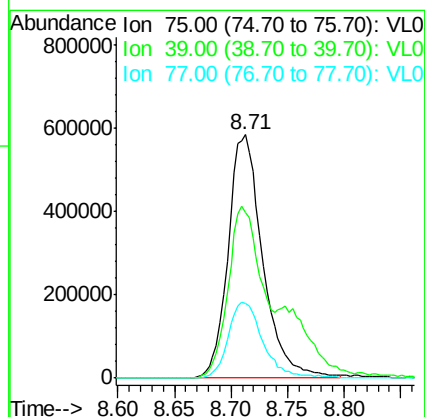
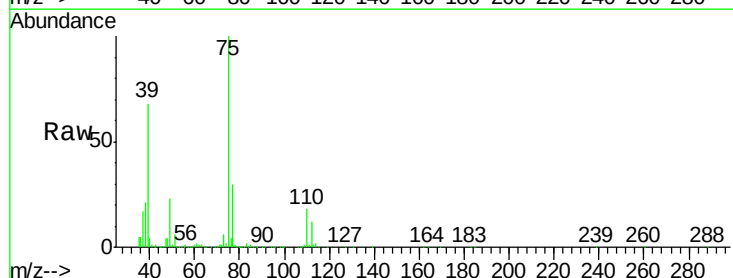
Manual Integrations
APPROVED

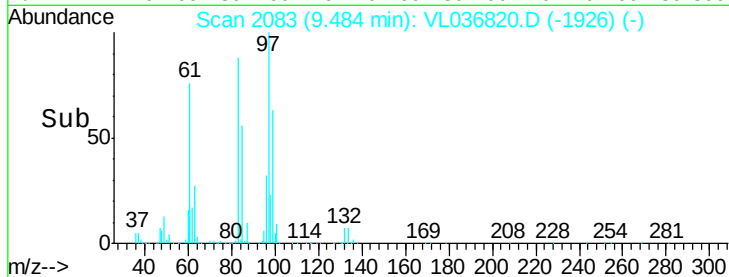
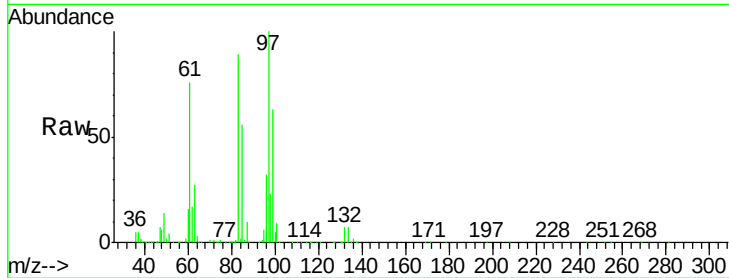
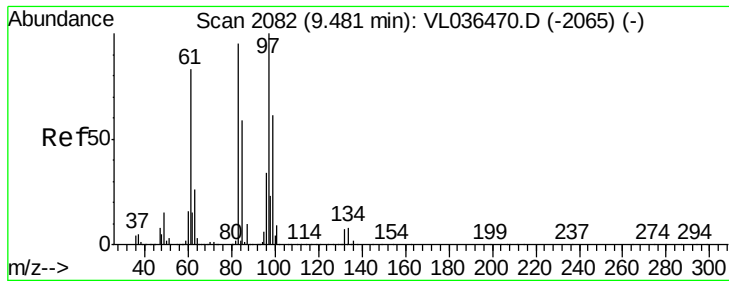
Reviewed By :Semsettin Yesilyurt 04/21/2021
Supervised By :Mahesh Dadoda 04/21/2021



#46
cis-1,3-Dichloropropene
Concen: 8.094 ppbv
RT: 8.71 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VL036820.D
Acq: 20 Apr 2021 12:50

Tgt Ion: 75 Resp: 1242840
Ion Ratio Lower Upper
75 100
39 67.4 58.2 87.2
77 30.4 25.2 37.8



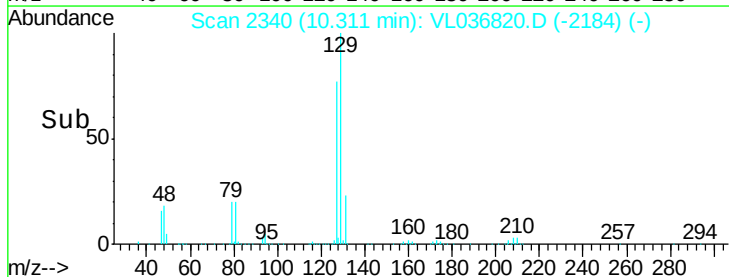
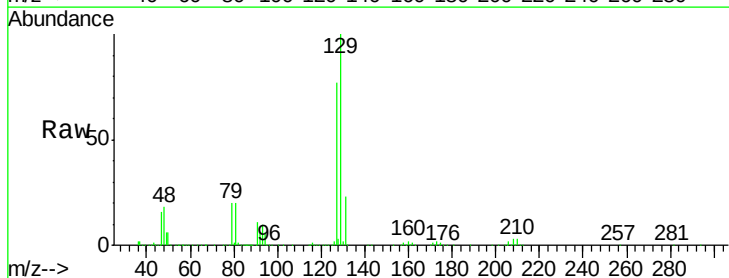
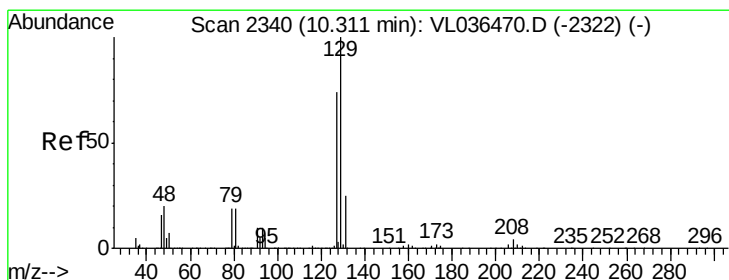
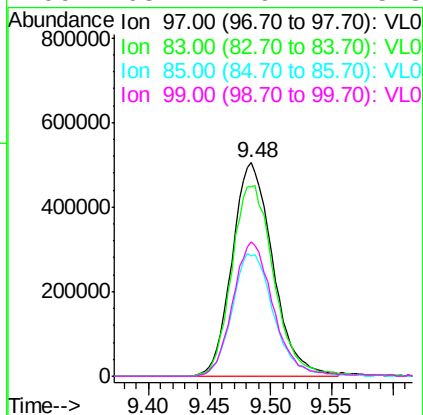


#47
1,1,2-Trichloroethane
Concen: 9.084 ppbv
RT: 9.48 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 20 Apr 2021 12:50

Tot Ion:
Ion Ratio
97 100
83 88.
85 56.
99 63.1 49.2 73.8

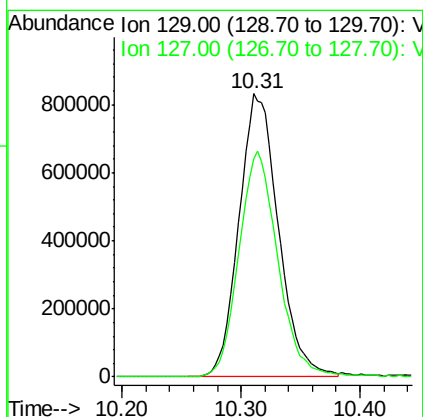
Manual Integrations
APPROVED

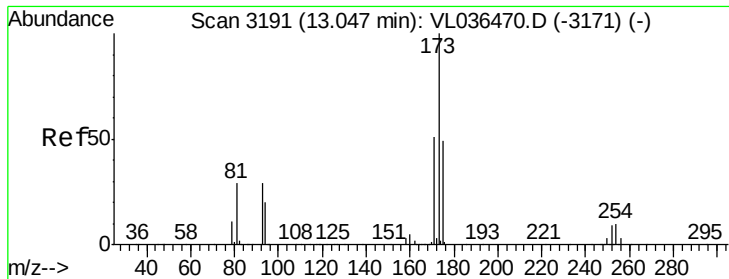
Reviewed By :Semsettin Yesilyurt 04/21/2021
Supervised By :Mahesh Dadoda 04/21/2021



#48
Dibromochloromethane
Concen: 9.733 ppbv
RT: 10.31 min Scan# 2340
Delta R.T. -0.00 min
Lab File: VL036820.D
Acq: 20 Apr 2021 12:50

Tgt Ion:129 Resp: 1909846
Ion Ratio Lower Upper
129 100
127 79.4 39.6 118.8





#49

Bromoform

Concen: 10.158 ppbv

RT: 13.05

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 20 Apr 2021 12:50

Tot Ion:1

Ion Ratio

173 100

175 50.

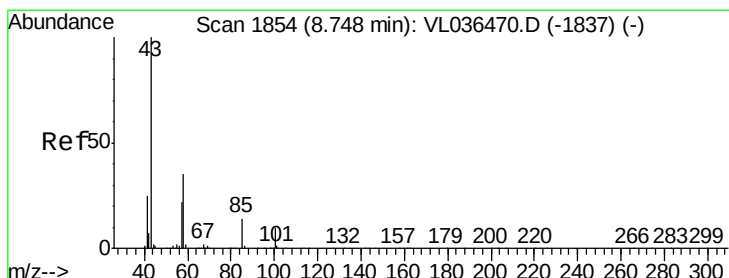
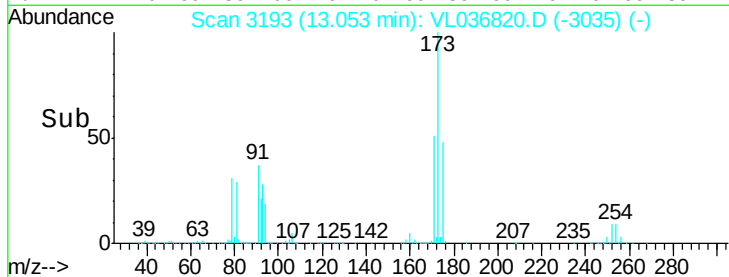
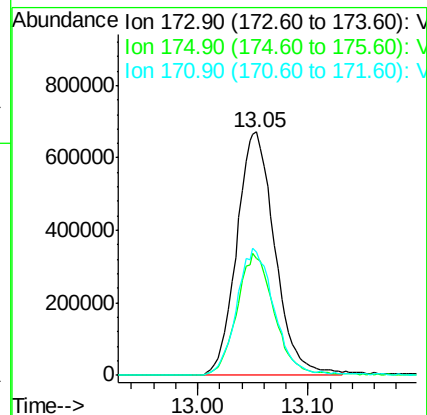
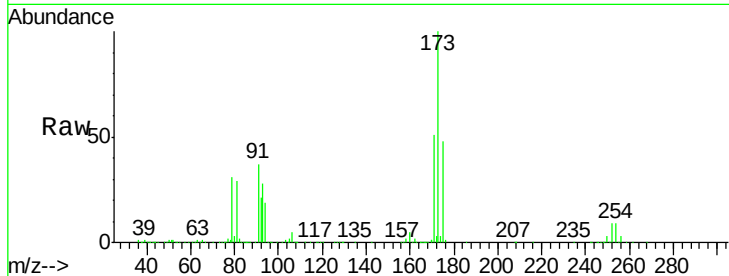
171 52.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/21/2021

Supervised By :Mahesh Dadoda 04/21/2021



#50

4-Methyl-2-Pentanone

Concen: 8.410 ppbv

RT: 8.75 min Scan# 1856

Delta R.T. 0.01 min

Lab File: VL036820.D

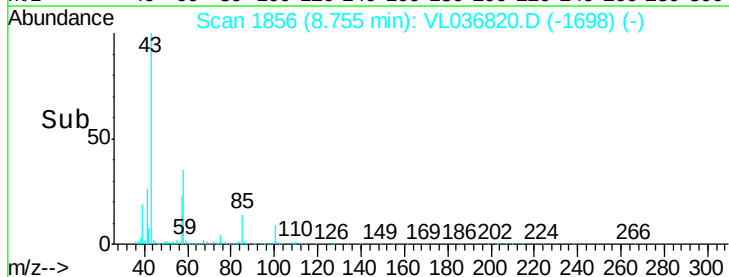
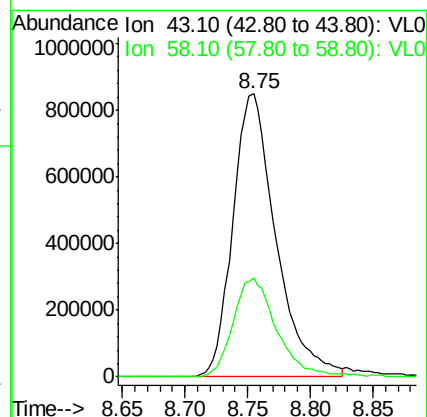
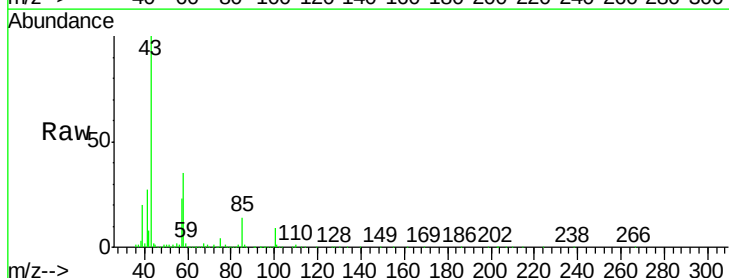
Acq: 20 Apr 2021 12:50

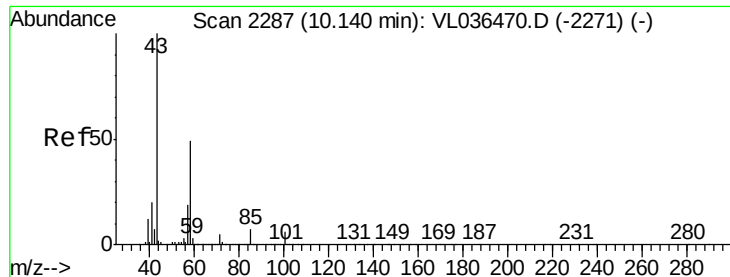
Tgt Ion: 43 Resp: 2017680

Ion Ratio Lower Upper

43 100

58 36.0 28.2 42.2





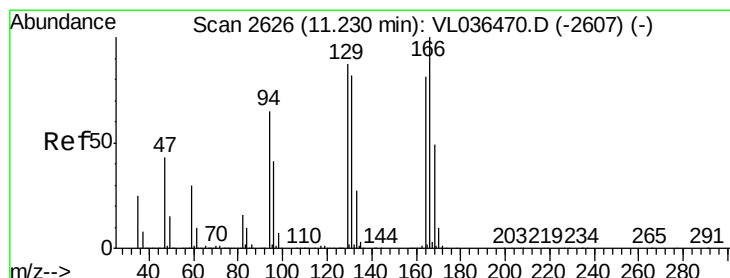
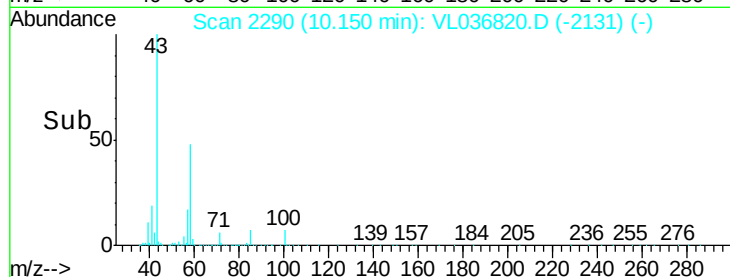
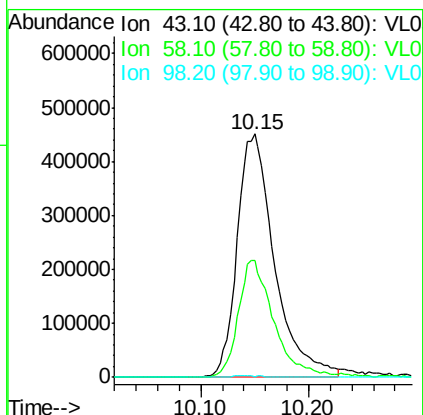
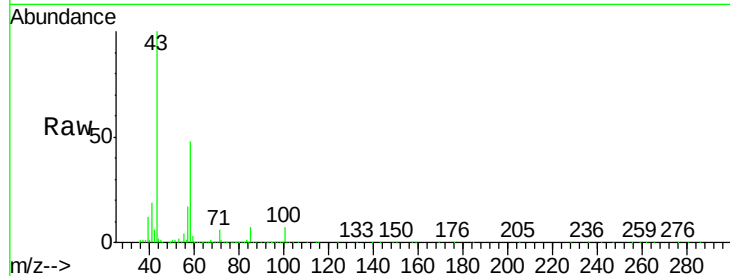
#51
2-Hexanone
Concen: 9.002 ppbv
RT: 10.15 min
Delta R.T.: 0.00 min
Lab File: VL0420ABS01
Acq: 20 Apr 2021 12:50

Tot Ion:
Ion Ratio

43	100
58	46.
98	1.

Manual Integrations
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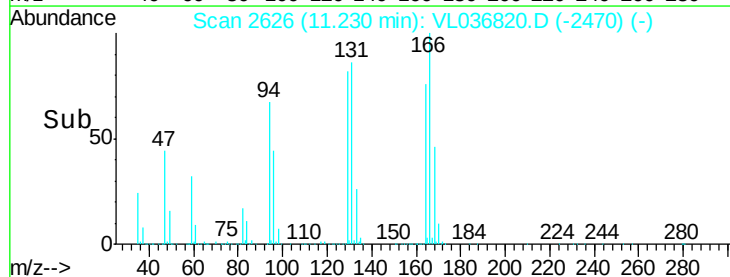
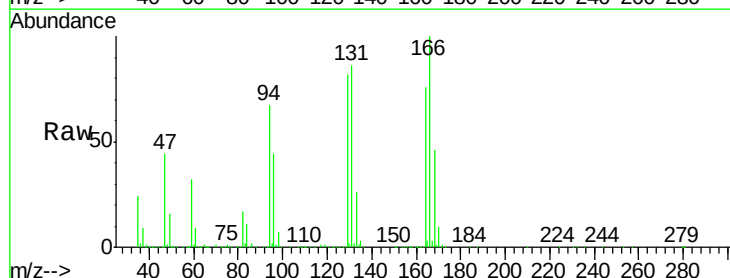
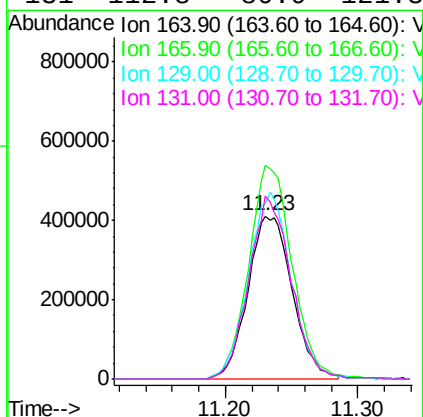
Reviewed By :Semsettin Yesilyurt 04/21/2021
Supervised By :Mahesh Dadoda 04/21/2021

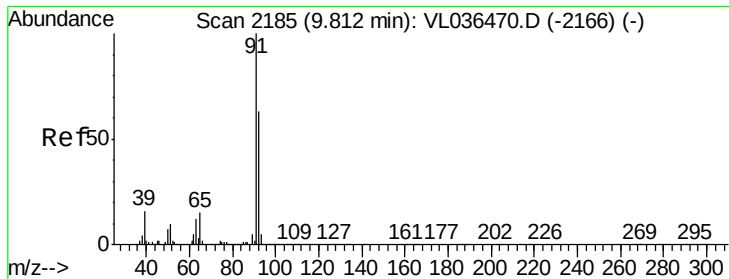


#52
Tetrachloroethene
Concen: 8.278 ppbv
RT: 11.23 min Scan# 2626
Delta R.T.: 0.00 min
Lab File: VL036820.D
Acq: 20 Apr 2021 12:50

Tgt Ion:164 Resp: 954920

Ion	Ratio	Lower	Upper
164	100		
166	131.2	98.3	147.5
129	107.3	85.8	128.8
131	112.8	80.9	121.3





#53

Toluene

Concen: 9.520 ppbv

RT: 9.82

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 20 Apr 2021 12:50

Tot Ion:

Ion Ratio

91 100

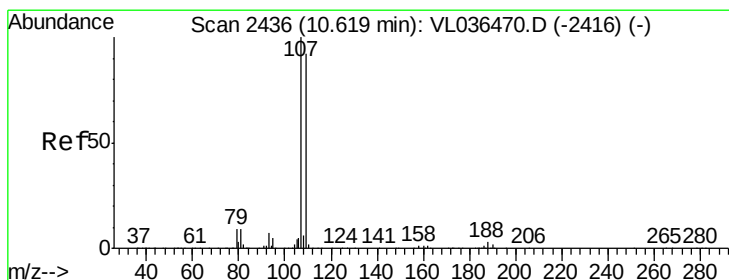
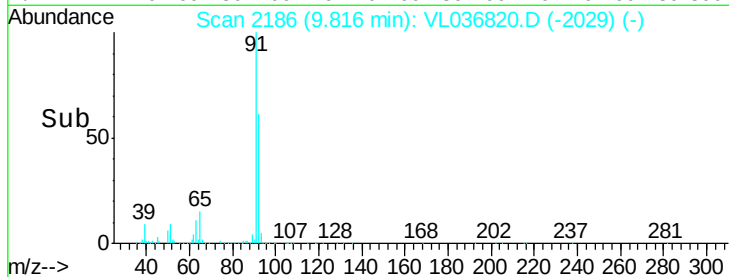
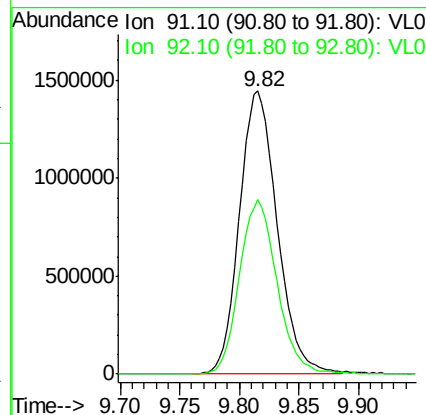
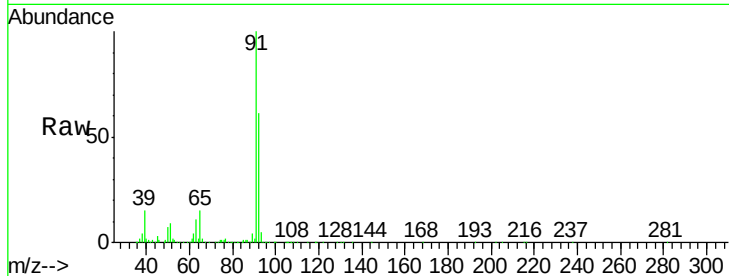
92 61.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/21/2021

Supervised By :Mahesh Dadoda 04/21/2021



#54

1,2-Dibromoethane

Concen: 9.102 ppbv

RT: 10.62 min Scan# 2436

Delta R.T. -0.00 min

Lab File: VL036820.D

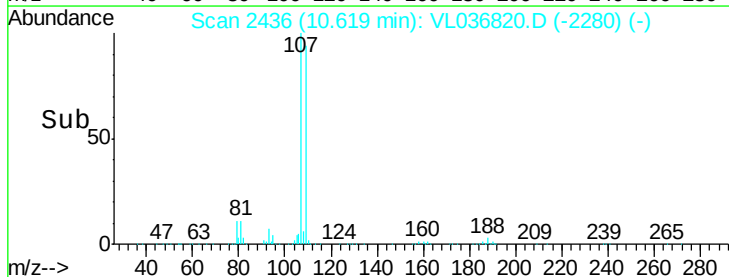
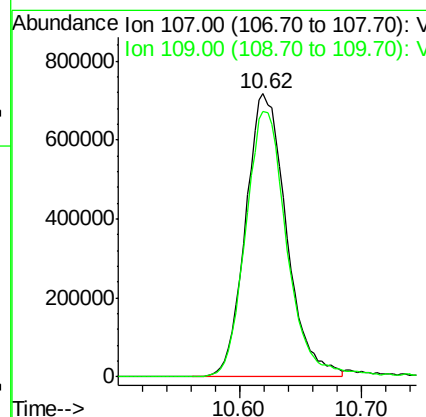
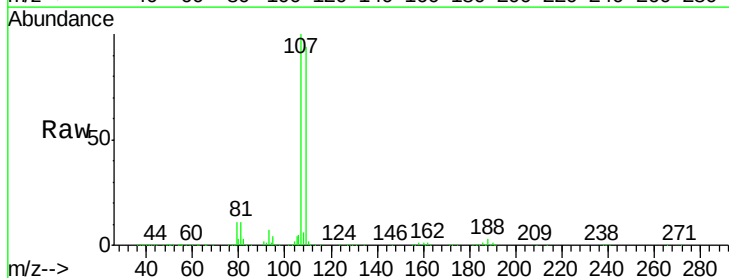
Acq: 20 Apr 2021 12:50

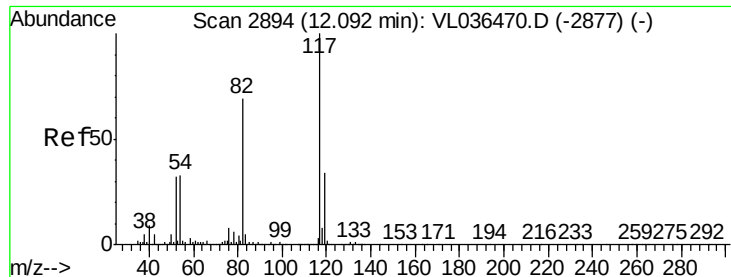
Tgt Ion:107 Resp: 1654481

Ion Ratio Lower Upper

107 100

109 93.9 73.9 110.9





#55

Chlorobenzene-d5

Concen: 10.000 ppbv m

RT: 12.10 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampled:

Acq: 20 Apr 2021 12:50 VL0420ABS01

Tot Ion:1

Ion Rati

117 100

82 70.

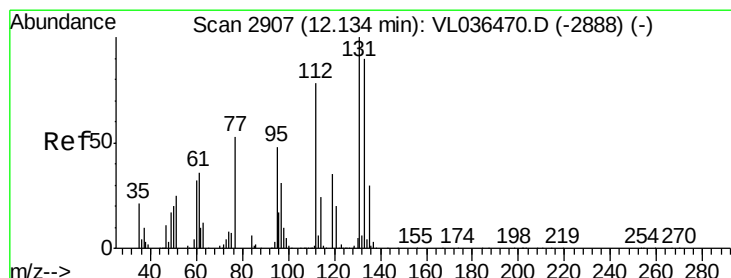
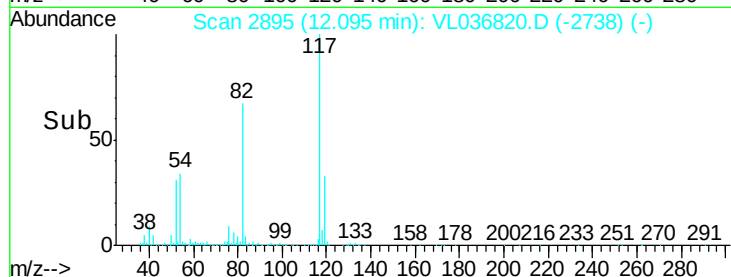
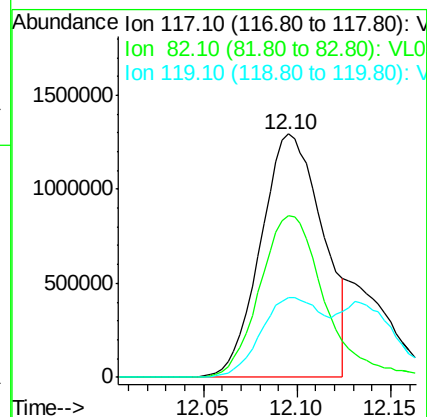
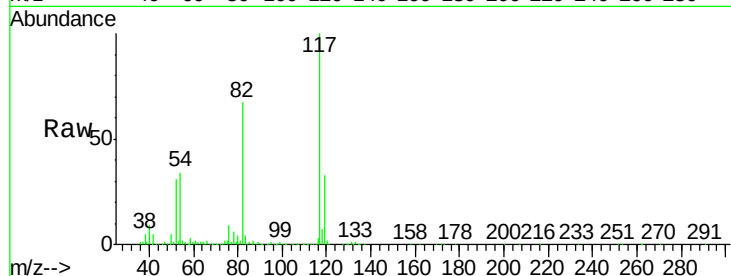
119 32.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/21/2021

Supervised By :Mahesh Dadoda 04/21/2021



#56

1,1,1,2-Tetrachloroethane

Concen: 9.948 ppbv

RT: 12.13 min Scan# 2907

Delta R.T. 0.00 min

Lab File: VL036820.D

Acq: 20 Apr 2021 12:50

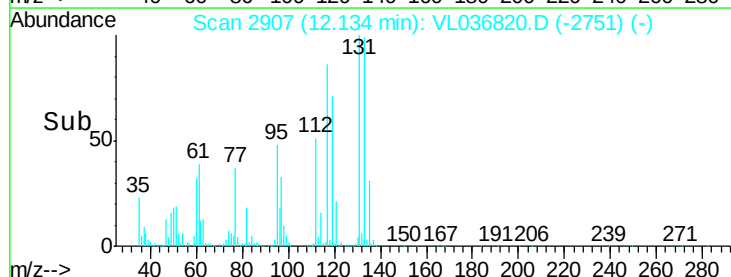
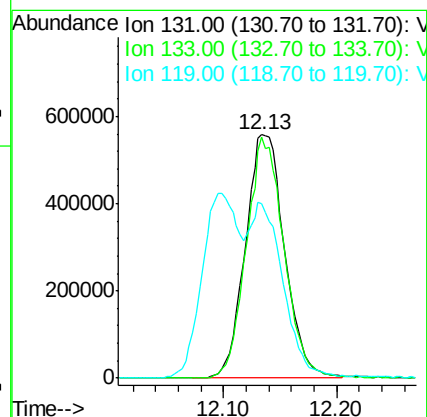
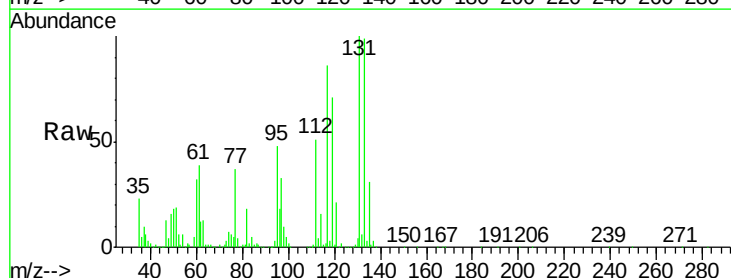
Tgt Ion:131 Resp: 1343031

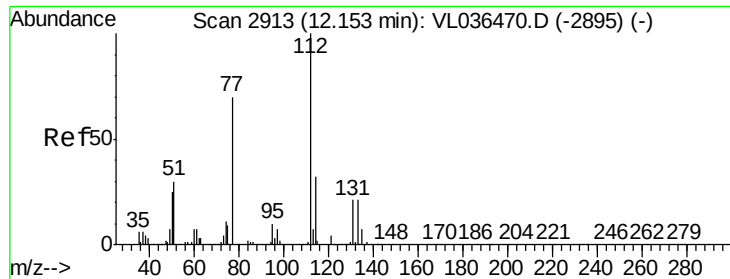
Ion Ratio Lower Upper

131 100

133 95.5 75.8 113.6

119 63.5 48.7 73.1



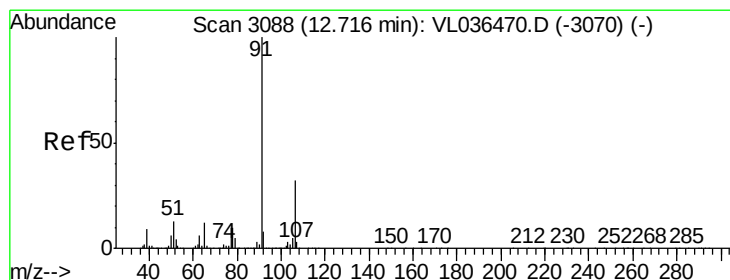
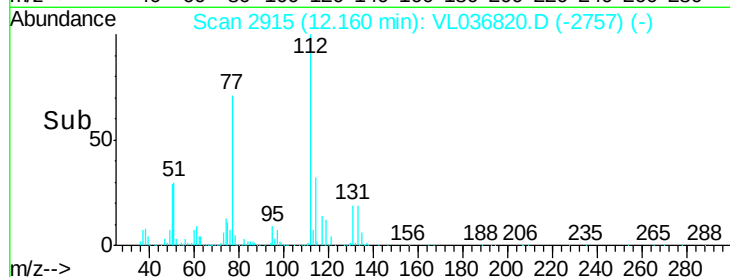
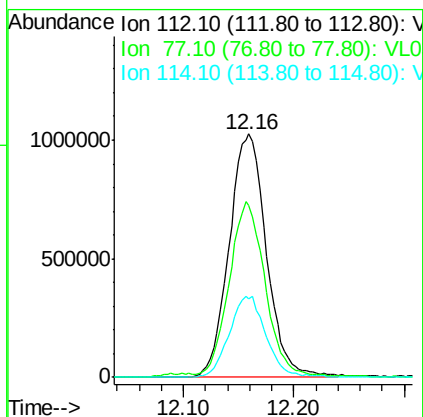
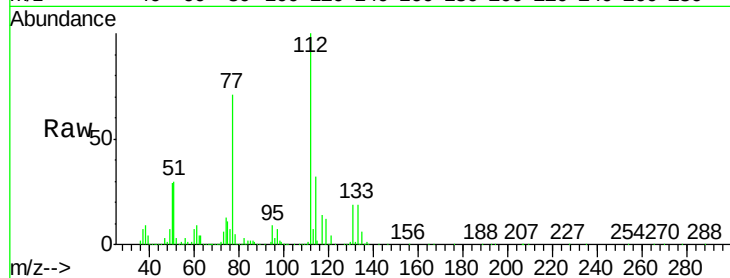


#57
Chlorobenzene
Concen: 9.425 ppbv
RT: 12.16 min
Delta R.T. 0.01 min
Lab File: VL0420ABS01
Acq: 20 Apr 2021 12:50

Manual Integrations
APPROVED

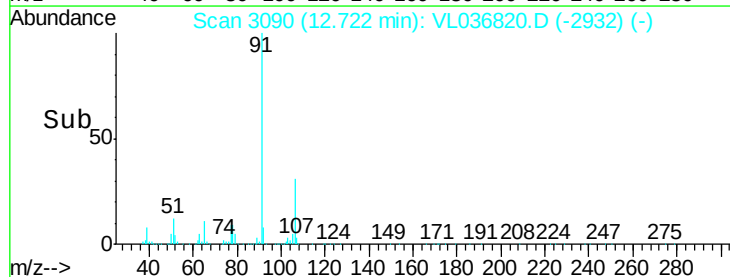
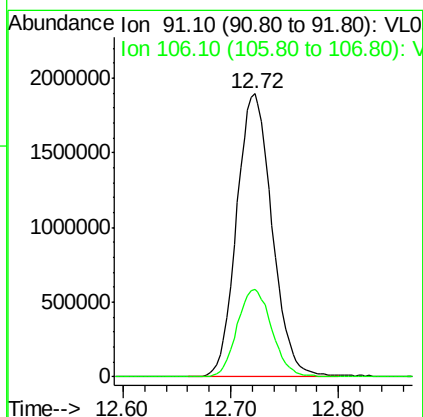
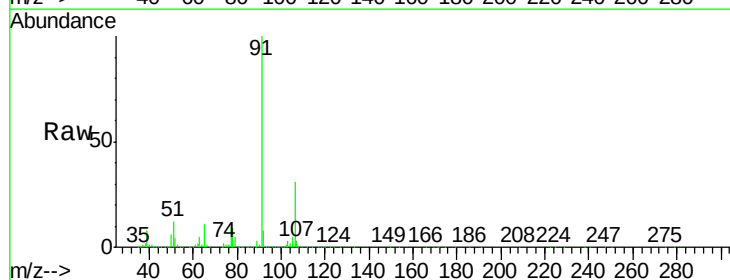
Reviewed By :Semsettin Yesilyurt 04/21/2021
Supervised By :Mahesh Dadoda 04/21/2021

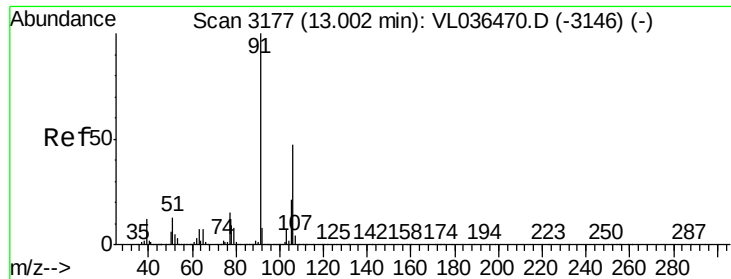
Tot Ion:1
Ion Rati
112 100
77 70.
114 32.



#58
Ethyl Benzene
Concen: 9.994 ppbv
RT: 12.72 min Scan# 3090
Delta R.T. 0.01 min
Lab File: VL036820.D
Acq: 20 Apr 2021 12:50

Tgt Ion: 91 Resp: 4339740
Ion Ratio Lower Upper
91 100
106 31.0 25.3 37.9



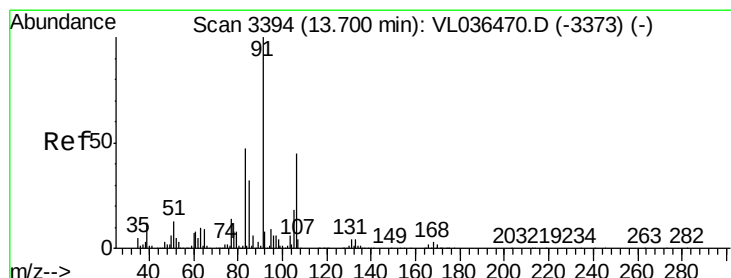
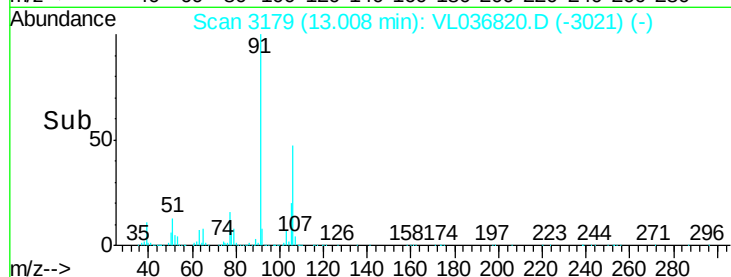
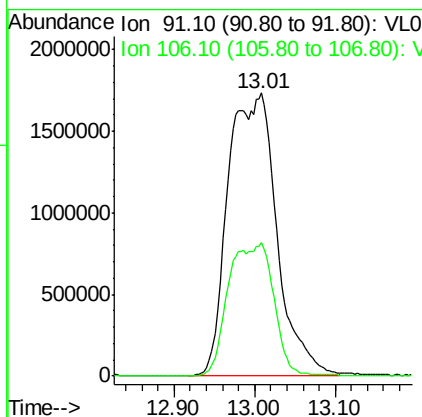
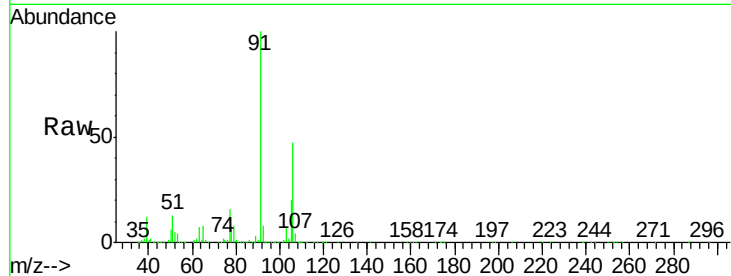


#59
m/p-Xylene
Concen: 19.418 ppbv m
RT: 13.01
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 20 Apr 2021 12:50

Tot Ion:
Ion Ratio
91 100
106 43.

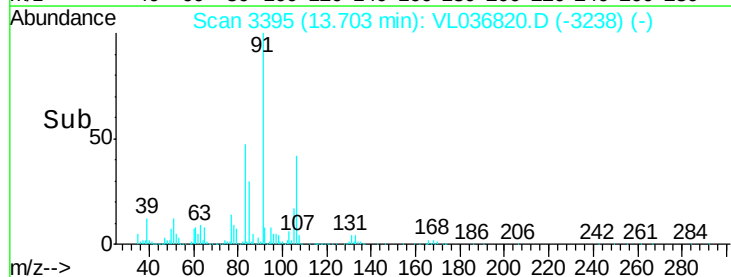
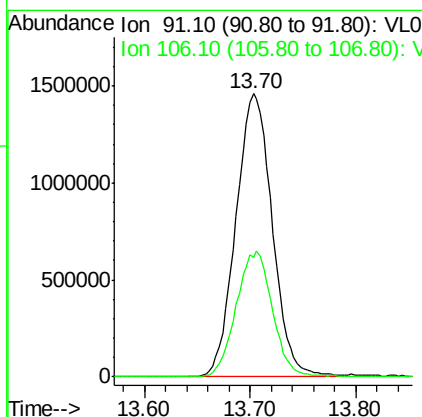
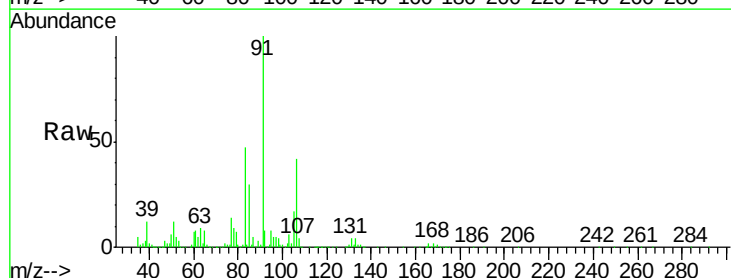
Manual Integrations
APPROVED

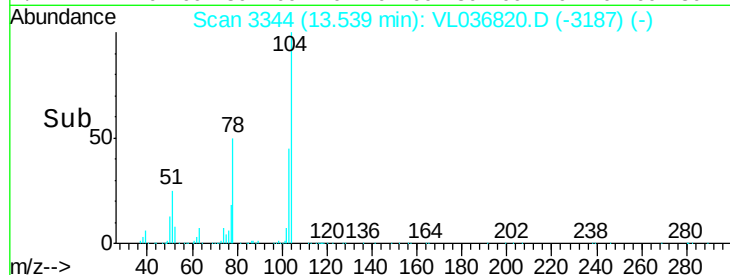
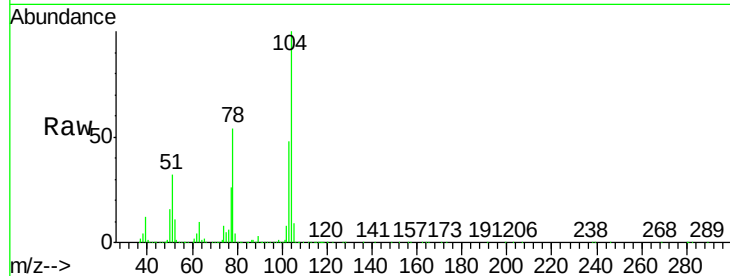
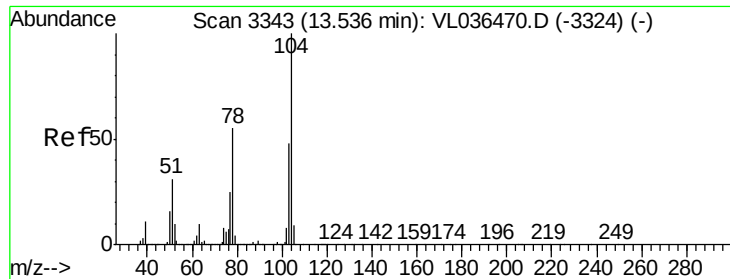
Reviewed By :Semsettin Yesilyurt 04/21/2021
Supervised By :Mahesh Dadoda 04/21/2021



#60
o-Xylene
Concen: 9.517 ppbv
RT: 13.70 min Scan# 3395
Delta R.T. 0.00 min
Lab File: VL036820.D
Acq: 20 Apr 2021 12:50

Tgt Ion: 91 Resp: 3485244
Ion Ratio Lower Upper
91 100
106 44.5 22.3 66.9



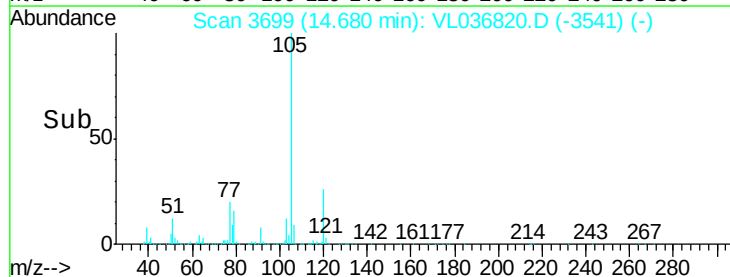
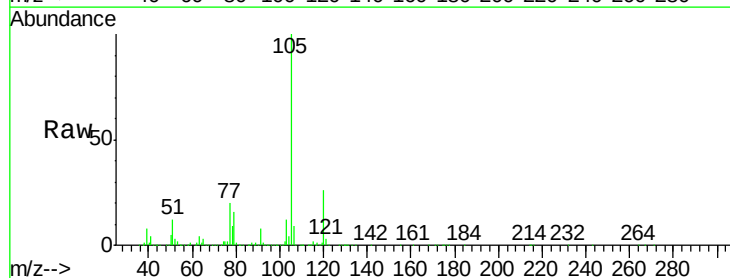
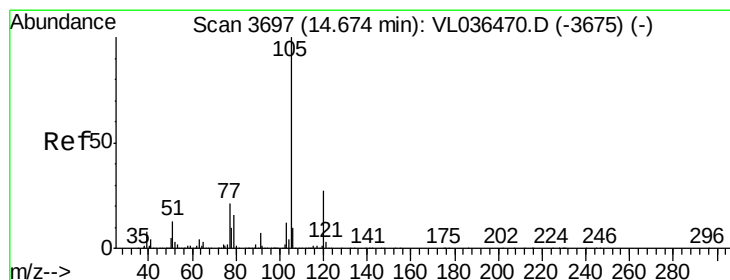
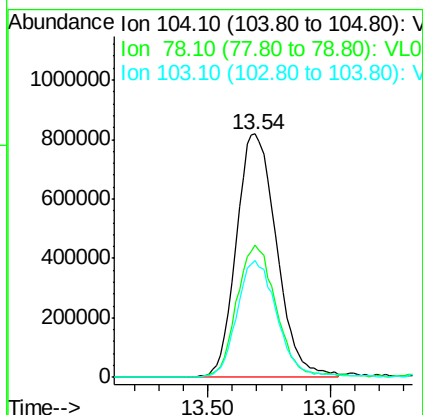


#61
Stvrene
Concen: 10.134 ppbv
RT: 13.54 min
Instrument: MSVOA_L
Delta R.T.: 0.01 min
Lab File: VL0420ABS01
Acq: 20 Apr 2021 12:50

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

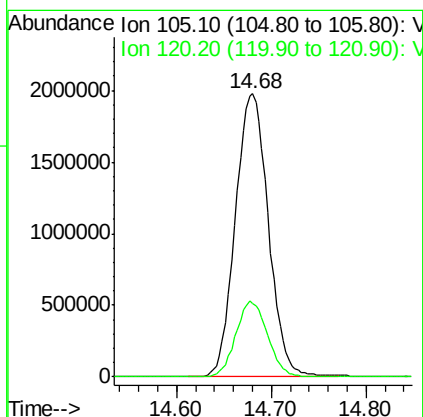
Manual Integrations
APPROVED

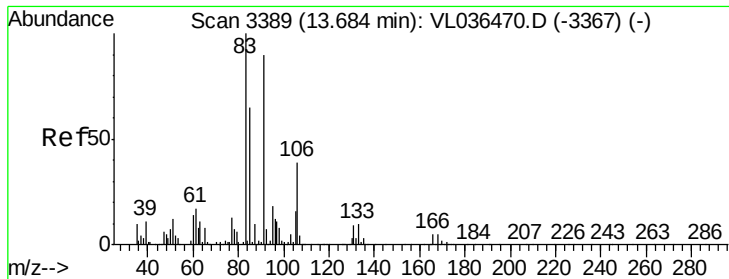
Reviewed By : Semsettin Yesilyurt 04/21/2021
Supervised By : Mahesh Dadoda 04/21/2021



#62
Isopropylbenzene
Concen: 9.747 ppbv
RT: 14.68 min Scan# 3699
Delta R.T.: 0.01 min
Lab File: VL036820.D
Acq: 20 Apr 2021 12:50

Tgt Ion: 105 Resp: 4806910
Ion Ratio Lower Upper
105 100
120 26.0 20.6 31.0





#63

1,1,2,2-Tetrachloroethane

Concen: 9.295 ppbv

RT: 13.69

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 20 Apr 2021 12:50

Tot Ion:

Ion Ratio

83 100

131 9.

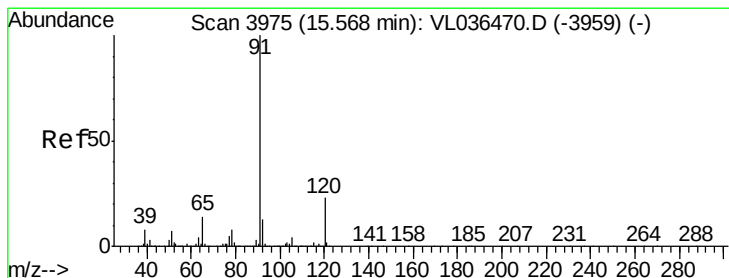
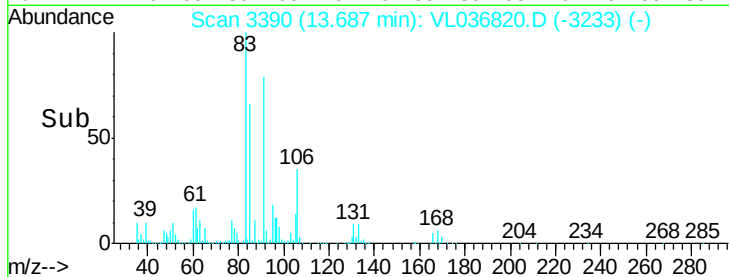
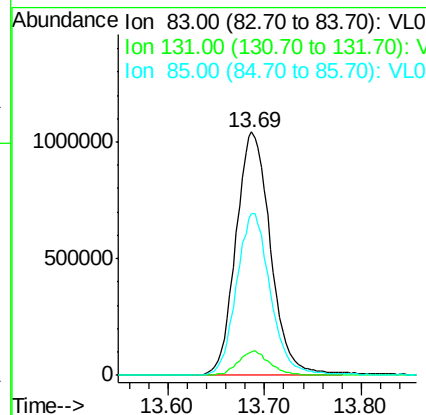
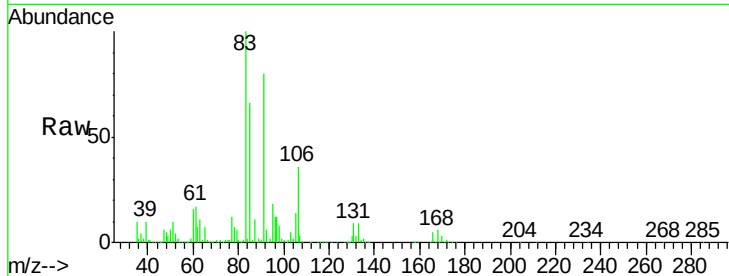
85 66.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/21/2021

Supervised By :Mahesh Dadoda 04/21/2021



#64

n-propylbenzene

Concen: 10.238 ppbv

RT: 15.57 min Scan# 3977

Delta R.T. 0.01 min

Lab File: VL036820.D

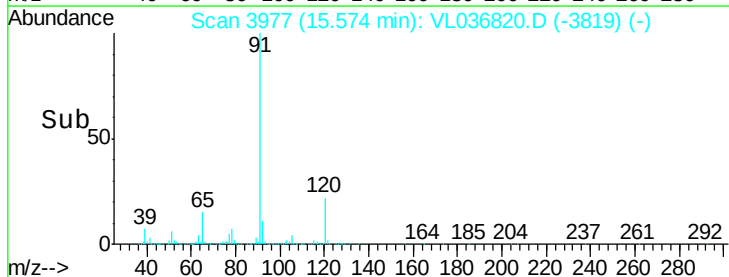
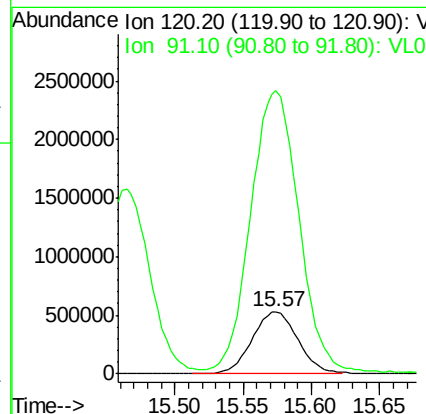
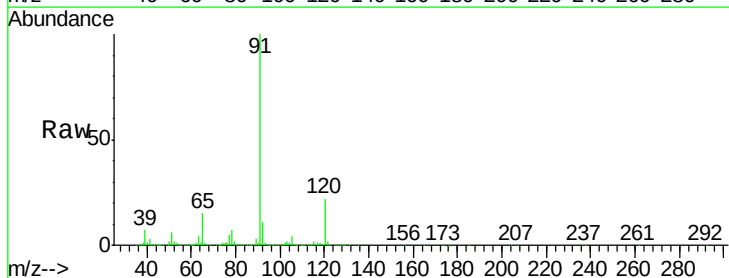
Acq: 20 Apr 2021 12:50

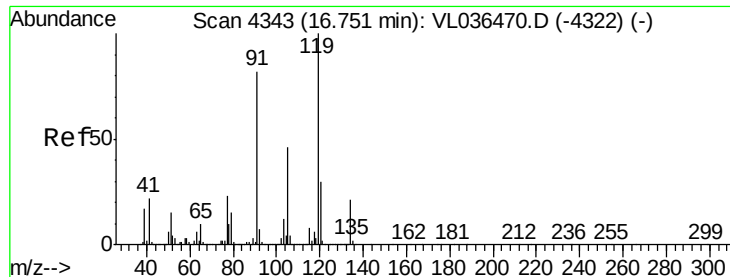
Tgt Ion:120 Resp: 1234499

Ion Ratio Lower Upper

120 100

91 486.5 377.4 566.2





#65

tert-Butylbenzene

Concen: 9.801 ppbv

RT: 16.75

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 20 Apr 2021 12:50

Tot Ion:1

Ion Ratio

119 100

91 84.

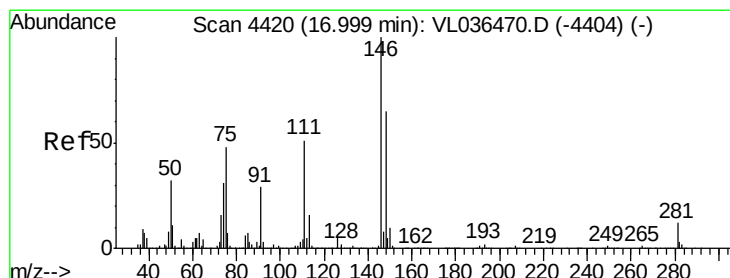
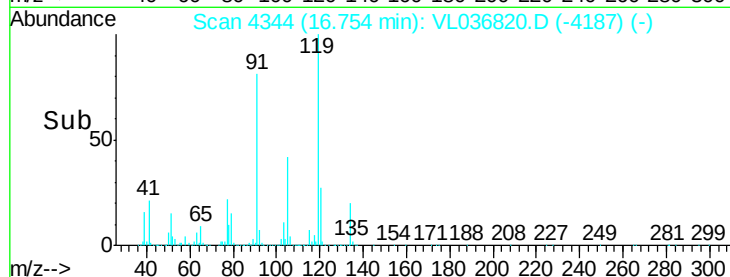
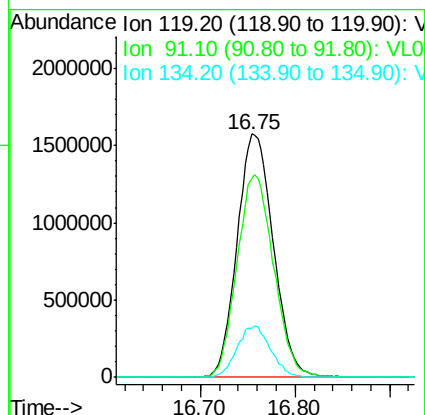
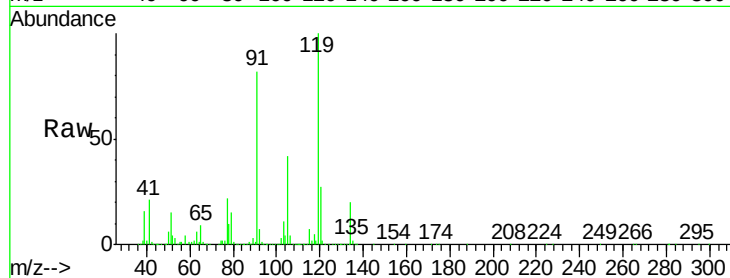
134 19.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/21/2021

Supervised By :Mahesh Dadoda 04/21/2021



#66

Benzyl Chloride

Concen: 7.451 ppbv

RT: 17.00 min Scan# 4421

Delta R.T. 0.00 min

Lab File: VL036820.D

Acq: 20 Apr 2021 12:50

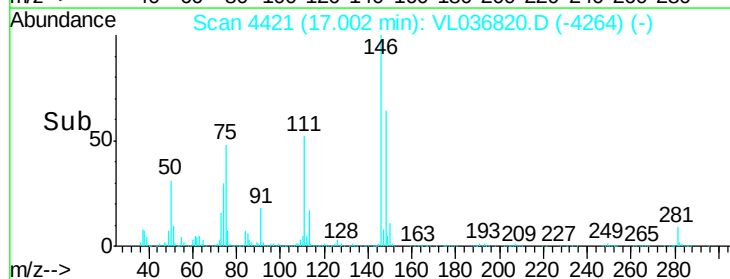
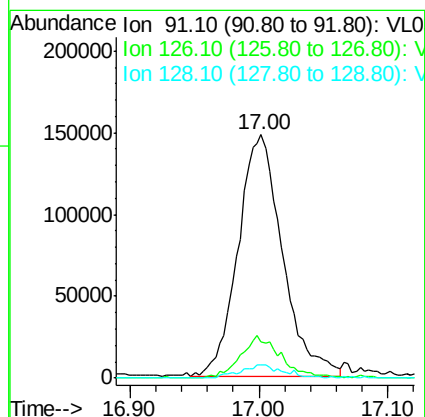
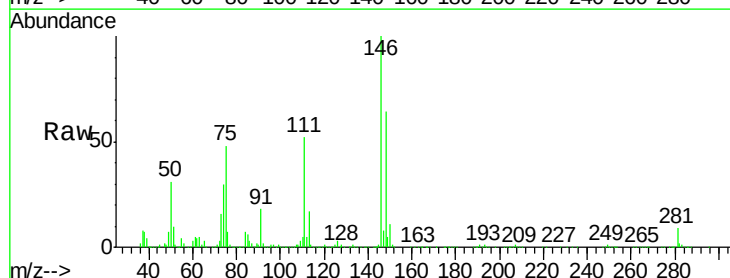
Tgt Ion: 91 Resp: 352195

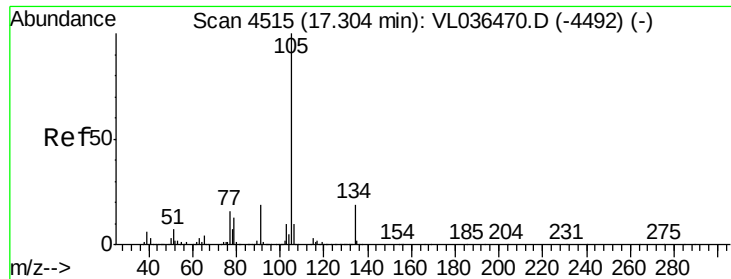
Ion Ratio Lower Upper

91 100

126 16.6 13.5 20.3

128 5.5 4.2 6.4





#67

sec-Butylbenzene

Concen: 9.795 ppbv

RT: 17.31

Delta R.T. MSVOA_L

Lab File:

Acq: 20 Apr 2021 12:50

ClientSampleId :

VL0420ABS01

Tot Ion:1

Ion Ratio

105 100

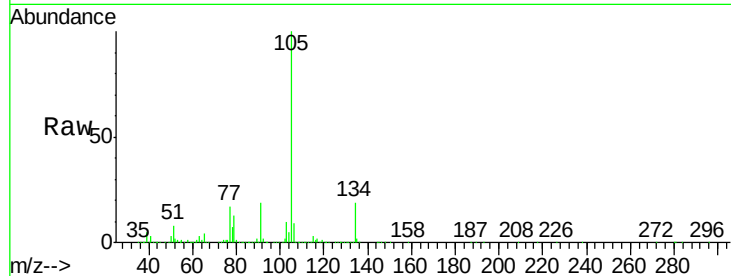
134 18.

Manual Integrations

APPROVED

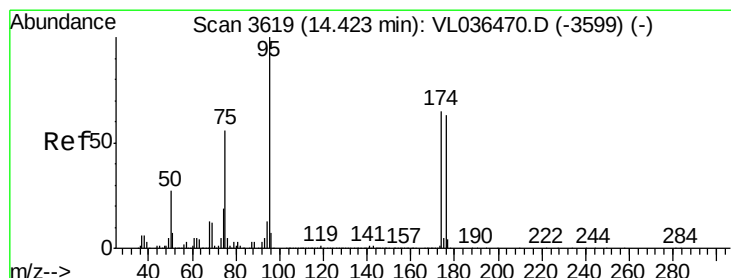
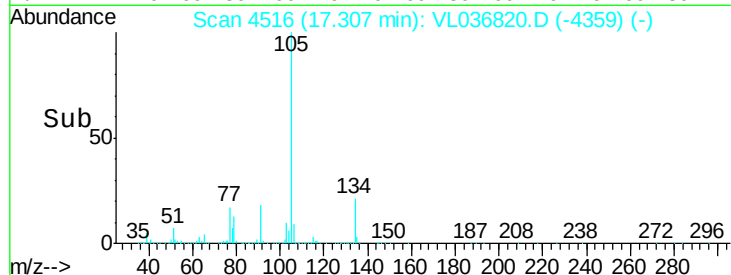
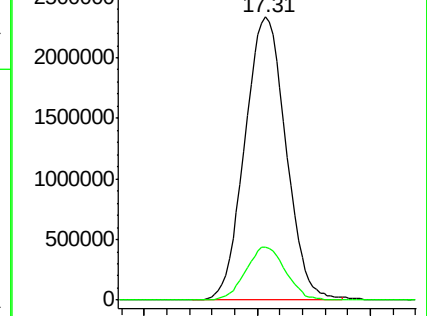
Reviewed By :Semsettin Yesilyurt 04/21/2021

Supervised By :Mahesh Dadoda 04/21/2021



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: 10.203 ppbv

RT: 14.43 min Scan# 3620

Delta R.T. 0.00 min

Lab File: VL036820.D

Acq: 20 Apr 2021 12:50

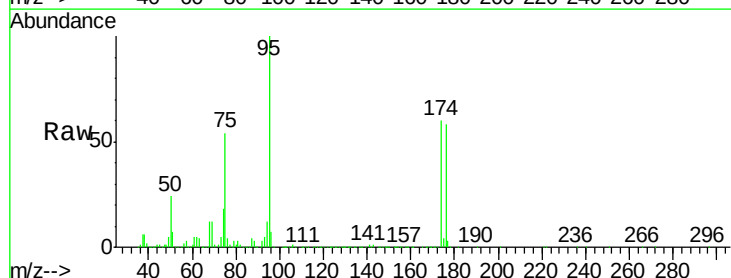
Tgt Ion: 95 Resp: 2427218

Ion Ratio Lower Upper

95 100

174 63.6 51.0 76.6

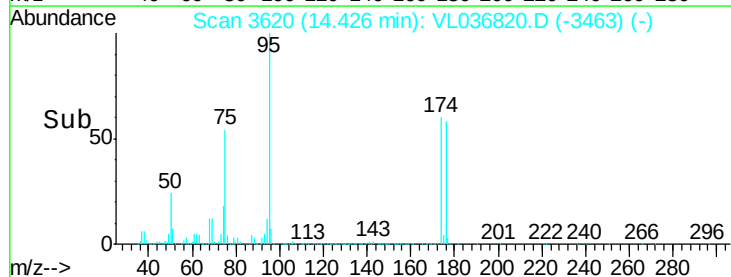
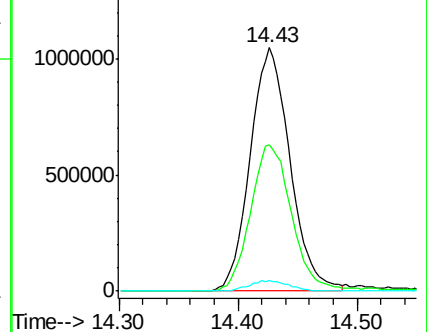
175 4.5 3.9 5.9

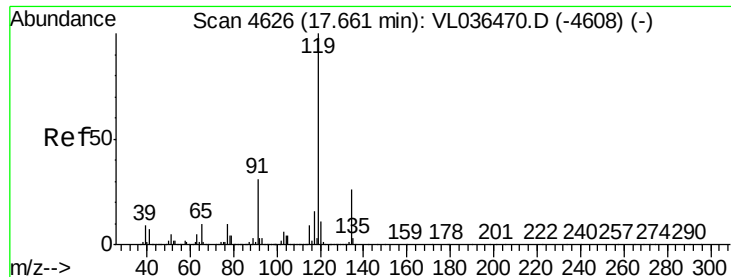


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V



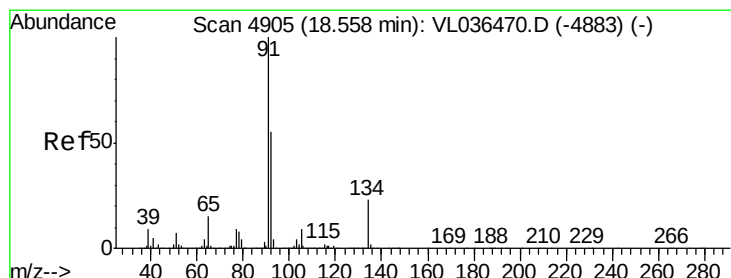
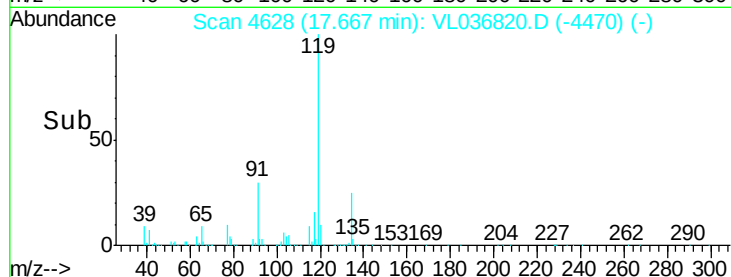
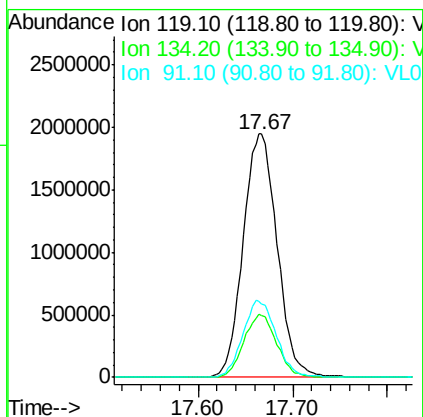
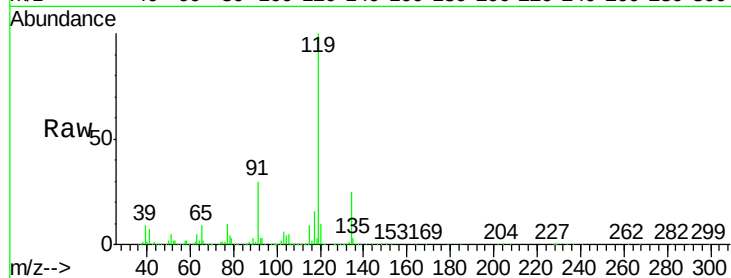


#69
 p-Isopropyltoluene
 Concen: 10.279 ppbv
 RT: 17.67 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL0420ABS01
 Acq: 20 Apr 2021 12:50

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

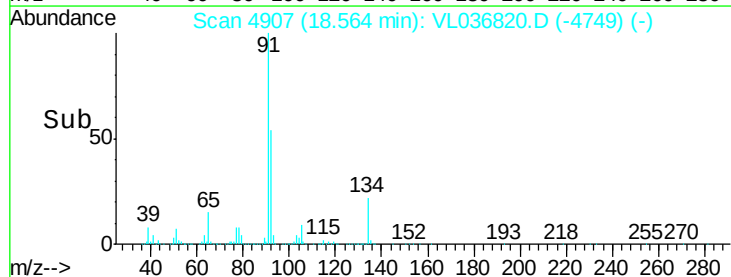
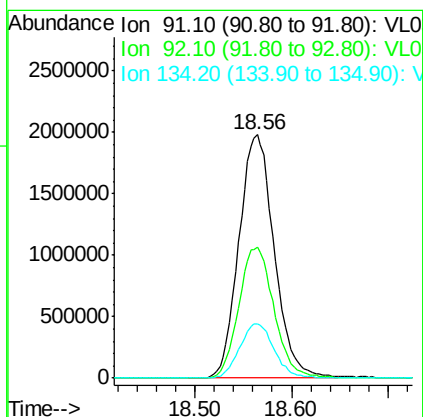
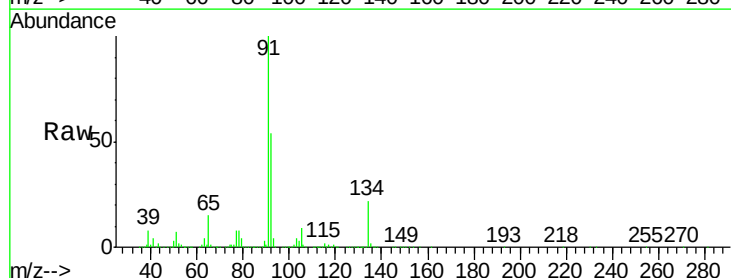
Manual Integrations
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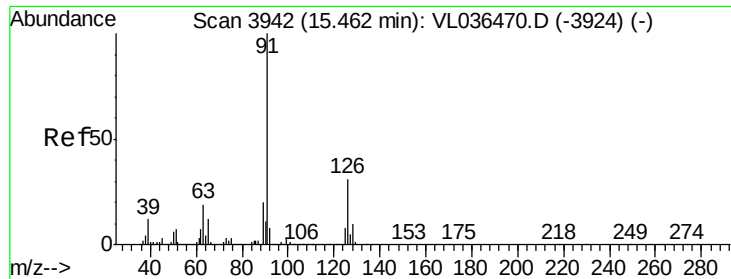
Reviewed By : Semsettin Yesilyurt 04/21/2021
 Supervised By : Mahesh Dadoda 04/21/2021



#70
 n-Butylbenzene
 Concen: 10.272 ppbv
 RT: 18.56 min Scan# 4907
 Delta R.T.: 0.01 min
 Lab File: VL036820.D
 Acq: 20 Apr 2021 12:50

Tgt Ion: 91 Resp: 5020608
 Ion Ratio Lower Upper
 91 100
 92 53.7 43.8 65.8
 134 21.9 18.0 27.0





#71

2-Chlorotoluene

Concen: 10.069 ppbv

RT: 15.46

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 20 Apr 2021 12:50

Tot Ion:

Ion Ratio

91 100

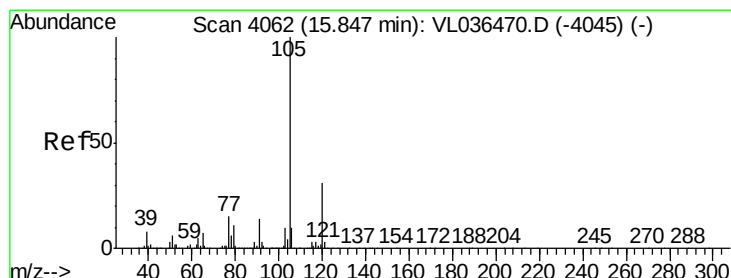
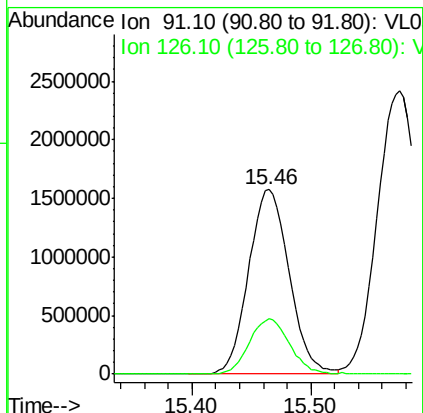
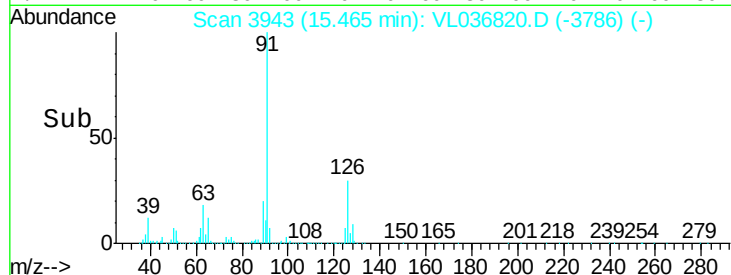
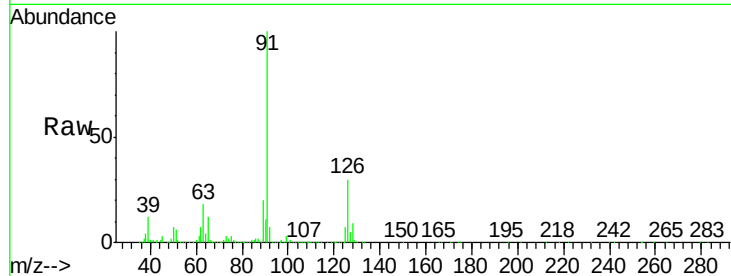
126 30.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/21/2021

Supervised By :Mahesh Dadoda 04/21/2021



#72

4-Ethyltoluene

Concen: 10.001 ppbv

RT: 15.85 min Scan# 4063

Delta R.T. 0.00 min

Lab File: VL036820.D

Acq: 20 Apr 2021 12:50

Tgt Ion:105 Resp: 4013199

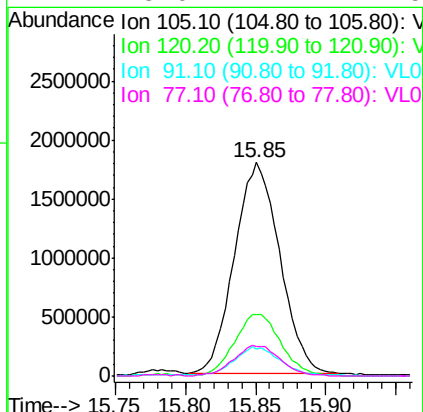
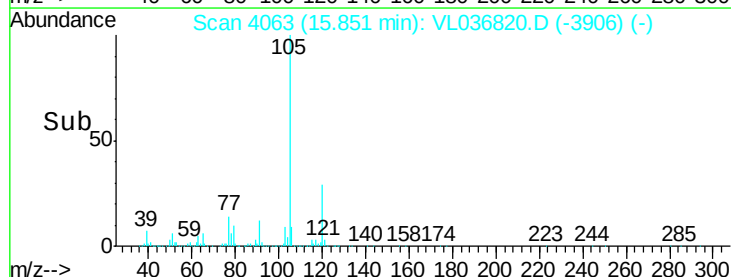
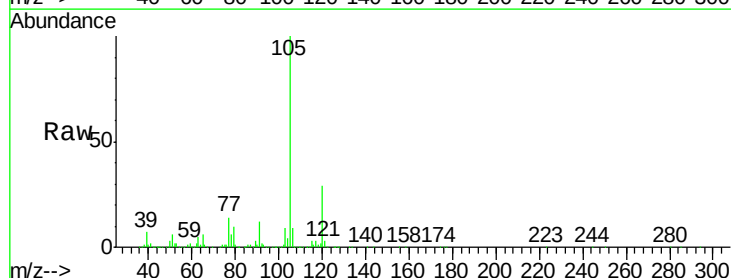
Ion Ratio Lower Upper

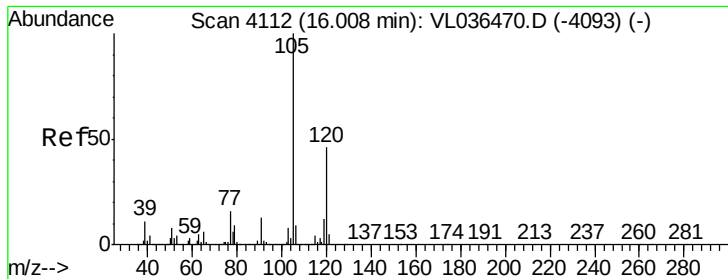
105 100

120 30.4 24.0 36.0

91 13.6 11.0 16.4

77 15.0 11.7 17.5





#73

1,3,5-Trimethylbenzene

Concen: 9.742 ppbv

RT: 16.01

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 20 Apr 2021 12:50

Tot Ion:1

Ion Rati

105 100

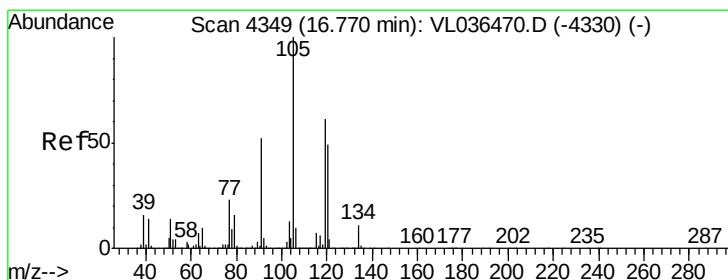
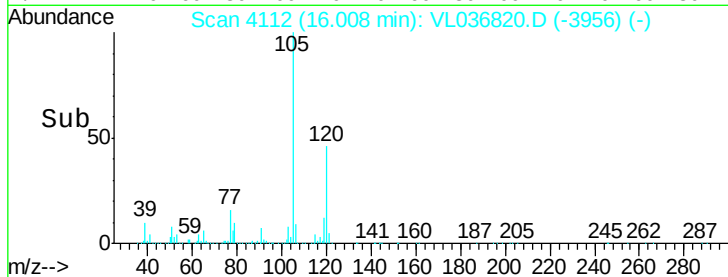
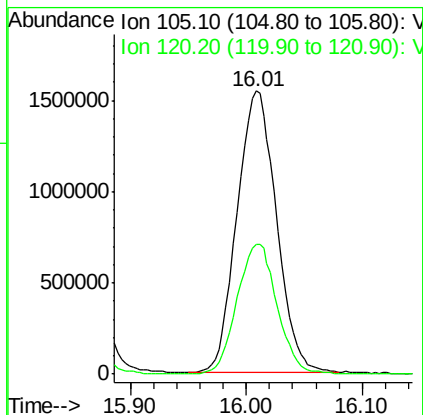
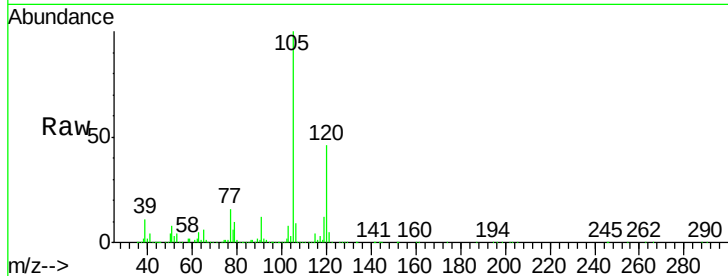
120 46.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/21/2021

Supervised By :Mahesh Dadoda 04/21/2021



#74

1,2,4-Trimethylbenzene

Concen: 9.560 ppbv

RT: 16.78 min Scan# 4351

Delta R.T. 0.01 min

Lab File: VL036820.D

Acq: 20 Apr 2021 12:50

Tgt Ion:105 Resp: 3831698

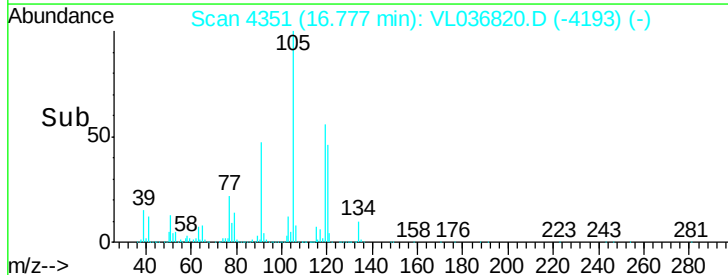
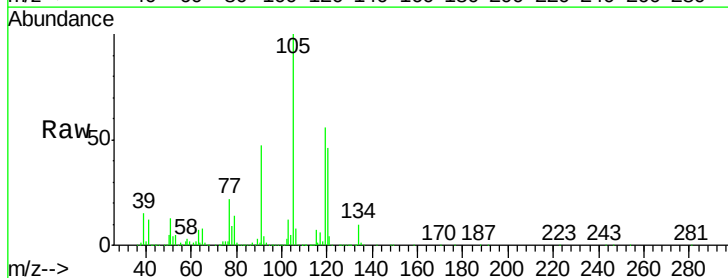
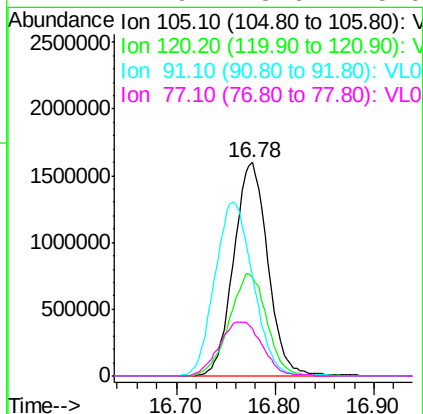
Ion Ratio Lower Upper

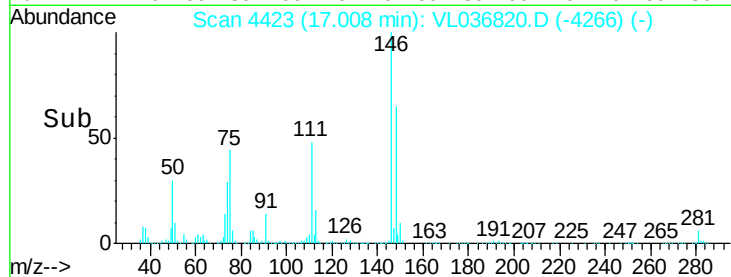
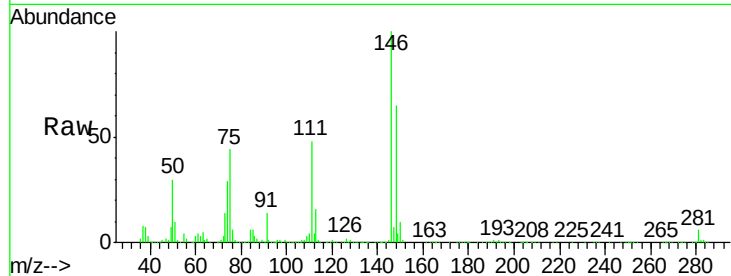
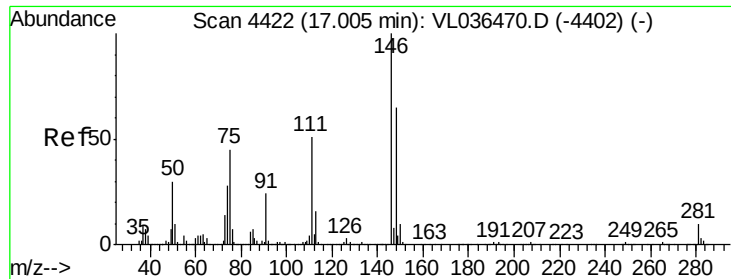
105 100

120 45.8 39.2 58.8

91 46.7 42.6 64.0

77 21.9 18.6 28.0



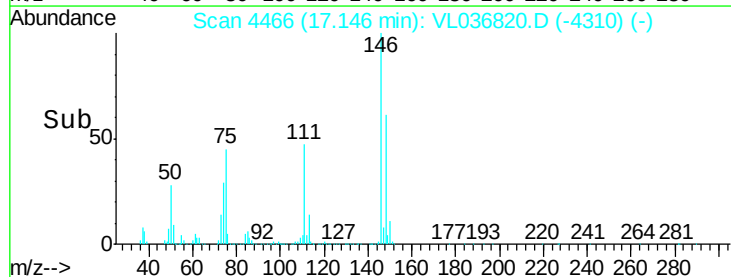
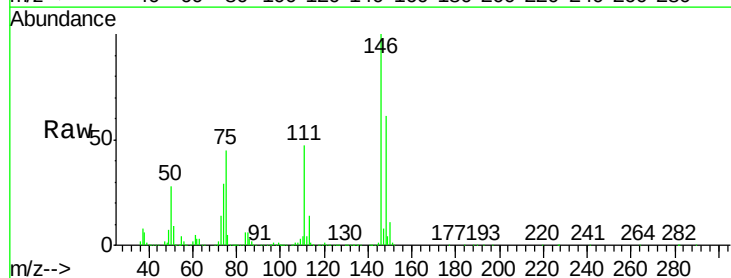
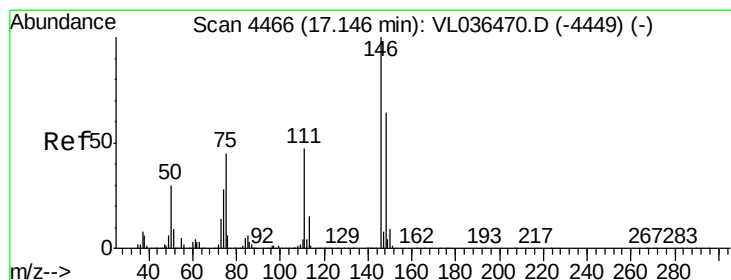
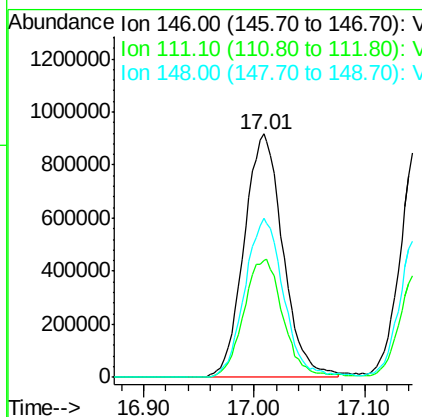


#75
 1,3-Dichlorobenzene
 Concen: 9.947 ppbv
 RT: 17.01 min
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId : VL0420ABS01
 Acq: 20 Apr 2021 12:50

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

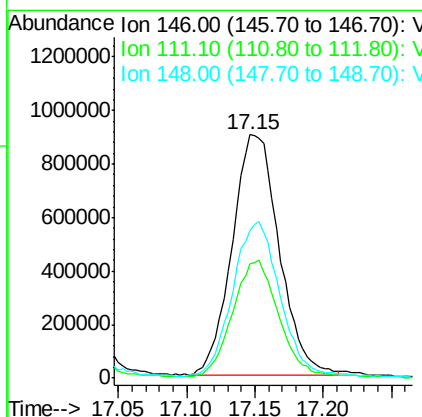
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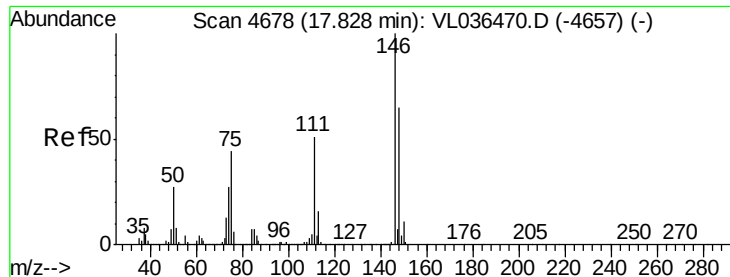
Reviewed By :Semsettin Yesilyurt 04/21/2021
 Supervised By :Mahesh Dadoda 04/21/2021



#76
 1,4-Dichlorobenzene
 Concen: 9.567 ppbv
 RT: 17.15 min Scan# 4466
 Delta R.T.: 0.00 min
 Lab File: VL036820.D
 Acq: 20 Apr 2021 12:50

Tgt Ion:146 Resp: 2143056
 Ion Ratio Lower Upper
 146 100
 111 49.0 24.3 72.8
 148 67.4 33.0 98.9



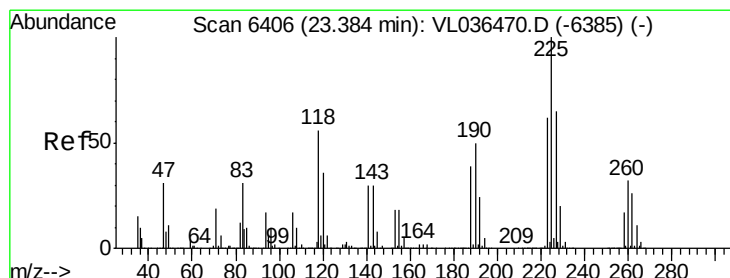
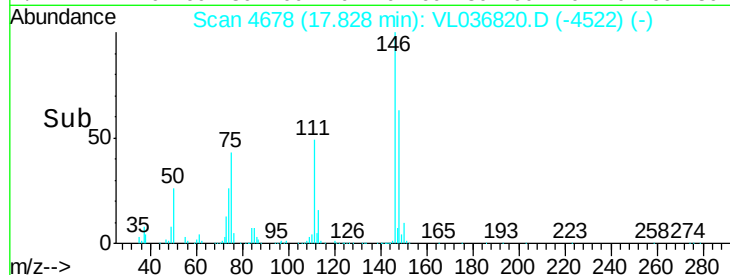
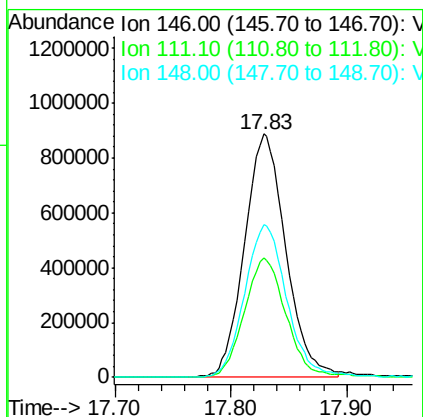
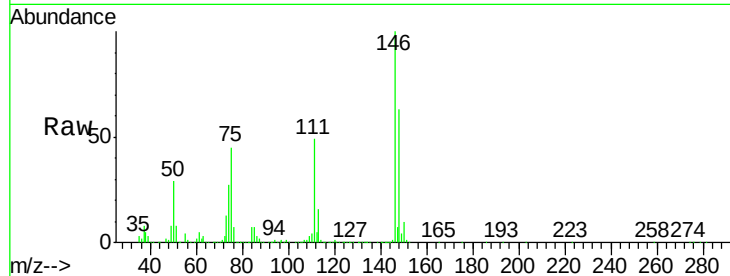


#77
 1,2-Dichlorobenzene
 Concen: 10.338 ppbv
 RT: 17.83 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VL0420ABS01
 Acq: 20 Apr 2021 12:50

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

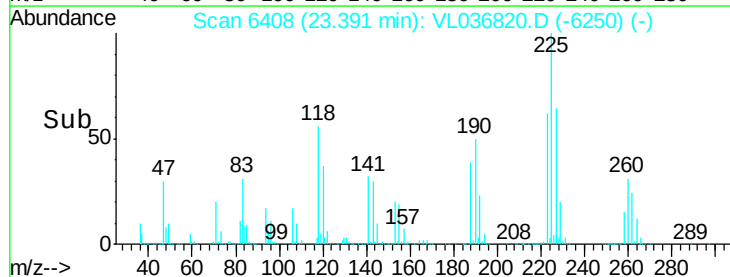
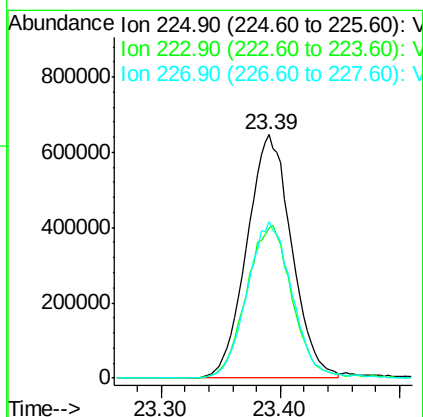
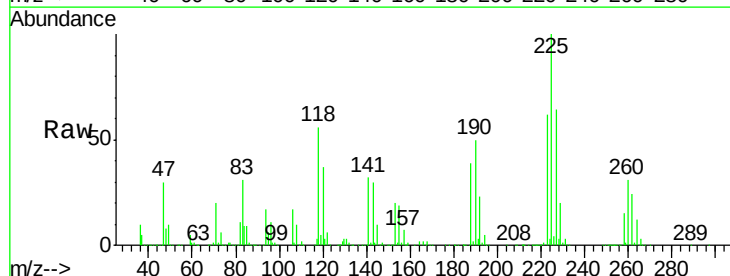
Manual Integrations
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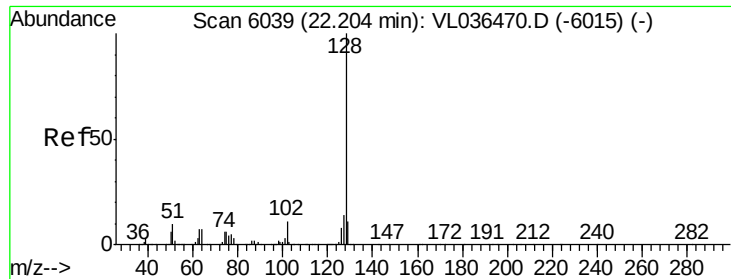
Reviewed By :Semsettin Yesilyurt 04/21/2021
 Supervised By :Mahesh Dadoda 04/21/2021



#78
 Hexachloro-1,3-Butadiene
 Concen: 8.861 ppbv
 RT: 23.39 min Scan# 6408
 Delta R.T. 0.01 min
 Lab File: VL036820.D
 Acq: 20 Apr 2021 12:50

Tgt Ion:225 Resp: 1682950
 Ion Ratio Lower Upper
 225 100
 223 64.8 50.6 75.8
 227 65.0 52.2 78.2



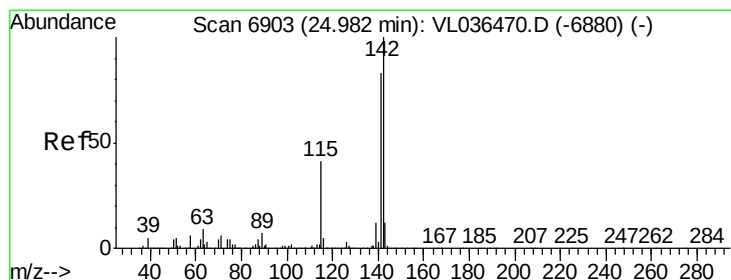
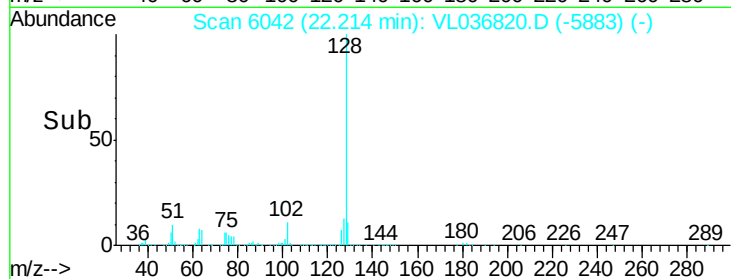
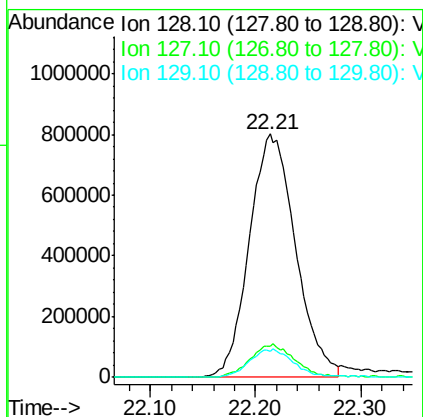
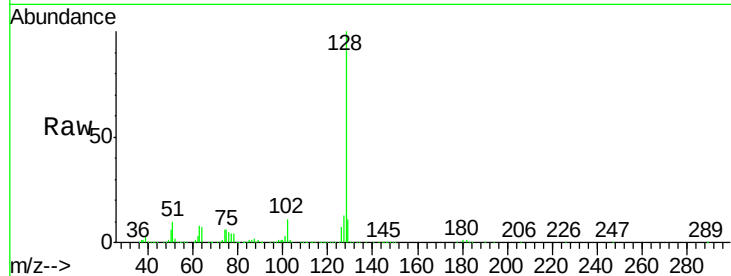


#79
Naphthalene
Concen: 10.438 ppbv
RT: 22.21 min
Instrument: MSVOA_L
Delta R.T.: 0.01 min
Lab File: VL0420ABS01
Acq: 20 Apr 2021 12:50

Tot Ion: 1
Ion Ratio
128 100
127 12.
129 10.

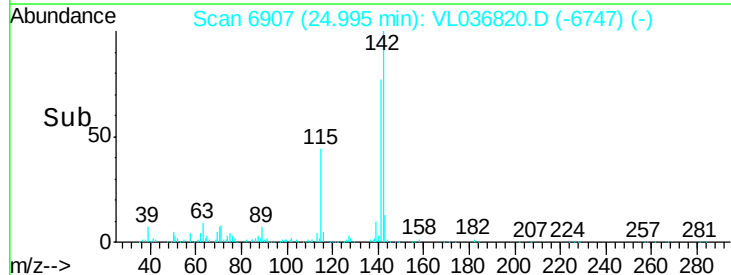
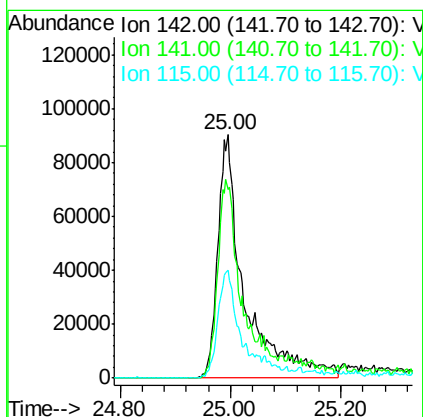
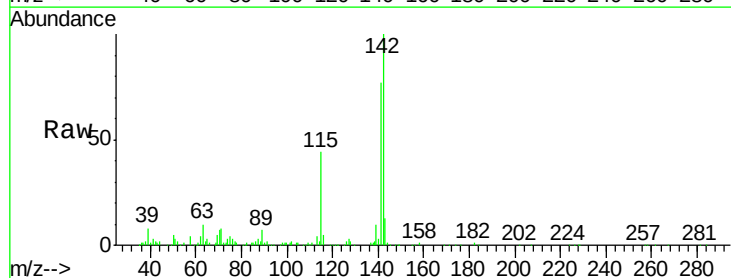
Manual Integrations
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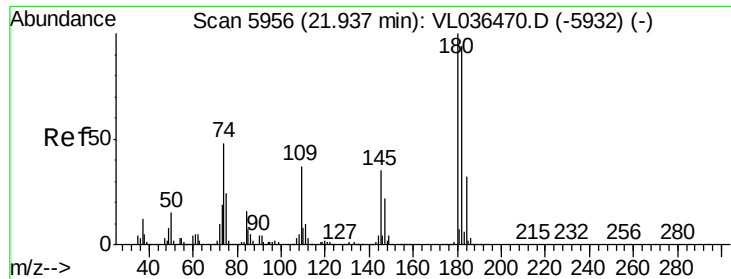
Reviewed By : Semsettin Yesilyurt 04/21/2021
Supervised By : Mahesh Dadoda 04/21/2021



#80
Naphthalene, 2-methyl-
Concen: 6.574 ppbv
RT: 25.00 min Scan# 6907
Delta R.T.: 0.01 min
Lab File: VL036820.D
Acq: 20 Apr 2021 12:50

Tgt Ion: 142 Resp: 303189
Ion Ratio Lower Upper
142 100
141 83.5 67.8 101.8
115 40.3 34.0 51.0





#81
 1,2,4-Trichlorobenzene
 Concen: 10.710 ppbv
 RT: 21.94
 Instrument : MSVOA_L
 Delta R.T :
 Lab File: ClientSampleId :
 VL0420ABS01
 Acq: 20 Apr 2021 12:50

Tot Ion:1
 Ion Rati
 180 100
 182 96.
 184 31.

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/21/2021
 Supervised By :Mahesh Dadoda 04/21/2021

