

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL042021\
 Data File : VL036818.D
 Acq On : 20 Apr 2021 9:27
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

Quant Time: Apr 21 06:43:11 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

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1336438	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3475524	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	3094771m	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	2309577	9.36	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	93.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.05	85	1908818	8.757	ppbv 98
3) Chlorodifluoromethane	2.99	51	2481391	9.938	ppbv 100
4) Chloromethane	3.14	50	891223	10.105	ppbv 98
5) Vinyl Chloride	3.26	62	883809	9.746	ppbv 93
6) Bromomethane	3.47	94	511171	10.238	ppbv 99
7) Chloroethane	3.56	64	317471	10.188	ppbv 99
8) Dichlorotetrafluoroethane	3.19	85	2103842	10.113	ppbv 99
9) Propene	3.01	41	833283	10.468	ppbv 99
10) Heptane	8.13	43	2127741	10.492	ppbv 99
11) Trichlorofluoromethane	3.95	101	2139900	9.633	ppbv 96
12) 1,1,2-Trichlorotrifluoroet	4.49	101	1453075	10.231	ppbv 99
13) Ethanol	3.61	45	103952	10.966	ppbv 99
14) Bromoethene	3.74	108	615459	10.424	ppbv 99
15) Acetone	3.85	43	1274772	9.691	ppbv 100
16) 1,3-Butadiene	3.33	39	921772	10.066	ppbv 99
17) tert-Butyl alcohol	4.29	59	1358829	11.867	ppbv 99
18) 1,1-Dichloroethene	4.29	96	634610	10.045	ppbv 98
19) Isopropyl Alcohol	3.97	45	795732	10.997	ppbv # 97
20) Methylene Chloride	4.35	84	563934	9.157	ppbv 98
21) Allyl Chloride	4.41	41	1091078	10.406	ppbv 99
22) trans-1,2-Dichloroethene	4.89	96	619887	10.584	ppbv 97
23) Vinyl Acetate	5.08	43	2384311	10.597	ppbv 99
24) 1,1-Dichloroethane	5.01	63	1645539	10.034	ppbv 99
25) Ethyl Acetate	5.68	43	3270451	10.458	ppbv 100
26) Hexane	5.69	57	1527104	10.523	ppbv 99
27) Carbon Disulfide	4.55	76	1599802	11.191	ppbv 98
28) Methyl tert-Butyl Ether	5.04	73	1883819	11.007	ppbv 99
29) Chloroform	5.76	83	2385399	10.278	ppbv 100
30) Cyclohexane	7.14	84	1302922	11.070	ppbv 98
31) cis-1,2-Dichloroethene	5.55	61	1520646	10.834	ppbv 96
32) 1,1,1-Trichloroethane	6.52	97	2427460	10.378	ppbv 99
34) 2-Butanone	5.25	43	1649921	9.725	ppbv 99
35) Carbon Tetrachloride	7.02	117	2547820	9.544	ppbv 98
36) Benzene	6.90	78	3205125	9.999	ppbv 99
37) 1,2-Dichloroethane	6.31	62	1849586	9.804	ppbv 100
38) Trichloroethene	7.84	130	1155332	9.262	ppbv 94
39) 1,2-Dichloropropane	7.63	63	1244534	9.571	ppbv 94
40) 1,4-Dioxane	7.84	88	318191m	10.514	ppbv
41) Tetrahydrofuran	6.06	42	770100	9.845	ppbv 94
42) Bromodichloromethane	7.80	83	2586029	10.078	ppbv 100
43) Methyl Methacrylate	8.02	69	1153371	10.716	ppbv 97

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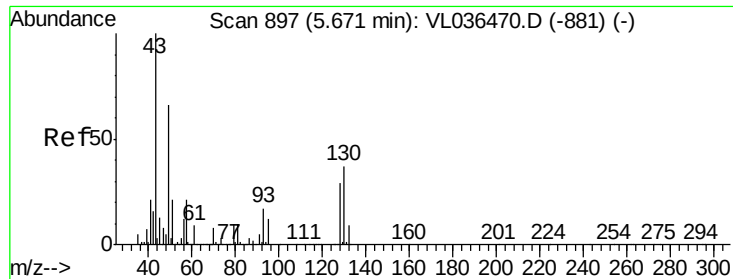
Manual Integrations
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Reviewed By : Semsettin Yesilyurt 04/21/2021
 Supervised By : Mahesh Dadoda 04/21/2021

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.88	57	5329911	9.448	ppbv	99
45) t-1,3-Dichloropropene	9.28	75	1360123	11.066	ppbv	98
46) cis-1,3-Dichloropropene	8.71	75	1726004	10.986	ppbv	96
47) 1,1,2-Trichloroethane	9.48	97	1285951	9.764	ppbv	96
48) Dibromochloromethane	10.31	129	2135172	10.635	ppbv	100
49) Bromoform	13.05	173	1744937	10.787	ppbv	98
50) 4-Methyl-2-Pentanone	8.75	43	2484304	10.120	ppbv	100
51) 2-Hexanone	10.15	43	1309286	10.569	ppbv #	98
52) Tetrachloroethene	11.23	164	1101641	9.333	ppbv	98
53) Toluene	9.82	91	3573930	10.470	ppbv	99
54) 1,2-Dibromoethane	10.62	107	1863355	10.019	ppbv	98
56) 1,1,1,2-Tetrachloroethane	12.13	131	1430369	10.219	ppbv	93
57) Chlorobenzene	12.16	112	2642801	10.036	ppbv	98
58) Ethyl Benzene	12.72	91	4746607	10.542	ppbv	100
59) m/p-Xylene	13.00	91	8063303m	20.532	ppbv	
60) o-Xylene	13.70	91	3773808	9.939	ppbv	99
61) Styrene	13.54	104	2201912	11.526	ppbv	99
62) Isopropylbenzene	14.68	105	5171553	10.113	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.69	83	2731140	9.429	ppbv	100
64) n-propylbenzene	15.57	120	1337633	10.699	ppbv	98
65) tert-Butylbenzene	16.76	119	4519571	10.193	ppbv	99
66) Benzyl Chloride	17.00	91	613233	12.512	ppbv	99
67) sec-Butylbenzene	17.31	105	6315044	10.090	ppbv	100
69) p-Isopropyltoluene	17.67	119	5261664	10.765	ppbv	99
70) n-Butylbenzene	18.56	91	5363824	10.584	ppbv	99
71) 2-Chlorotoluene	15.46	91	3990194	10.414	ppbv	100
72) 4-Ethyltoluene	15.85	105	4466358	10.734	ppbv	100
73) 1,3,5-Trimethylbenzene	16.01	105	4082009	10.511	ppbv	98
74) 1,2,4-Trimethylbenzene	16.78	105	4202356	10.112	ppbv	96
75) 1,3-Dichlorobenzene	17.01	146	2478965	10.598	ppbv	99
76) 1,4-Dichlorobenzene	17.15	146	2412813	10.389	ppbv	99
77) 1,2-Dichlorobenzene	17.83	146	2352211	10.698	ppbv	99
78) Hexachloro-1,3-Butadiene	23.39	225	1736112	8.816	ppbv	99
79) Naphthalene	22.21	128	2813558	11.602	ppbv	99
80) Naphthalene, 2-methyl-	24.99	142	583719	12.206	ppbv	98
81) 1,2,4-Trichlorobenzene	21.94	180	1611130	10.761	ppbv	97

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 Instrument: MSVOA_L

Delta R.T. 0.00

Lab File: ClientSampleId: VSTDCCC010

Acq: 20 Apr 2021 9:27

Tot Ion:

Ion Ratio

49 100

128 47.

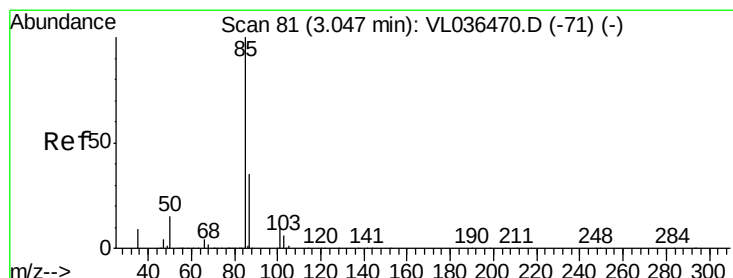
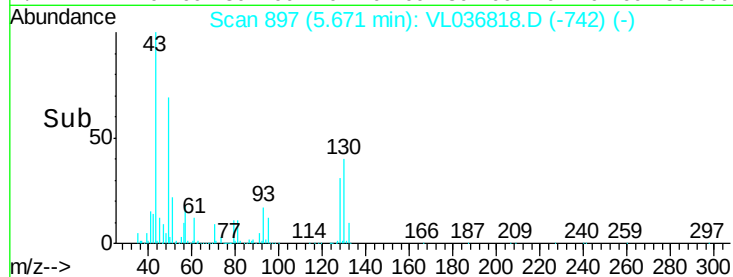
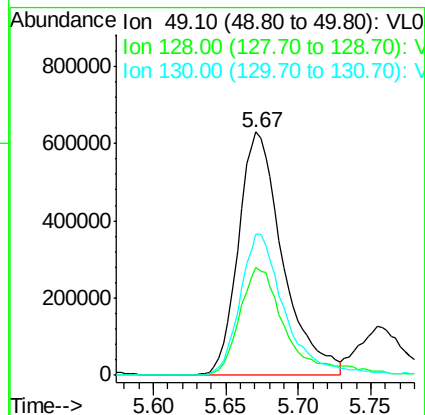
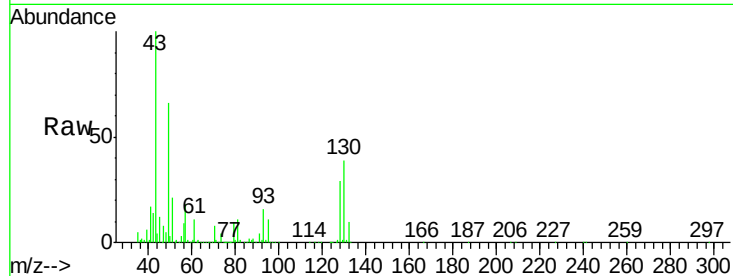
130 59.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/21/2021

Supervised By :Mahesh Dadoda 04/21/2021



#2

Dichlorodifluoromethane

Concen: 8.757 ppbv

RT: 3.05 min Scan# 82

Delta R.T. 0.00 min

Lab File: VL036818.D

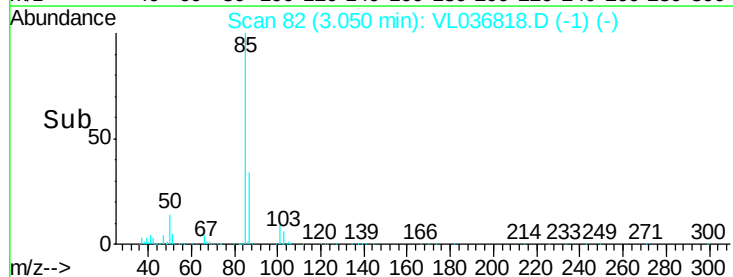
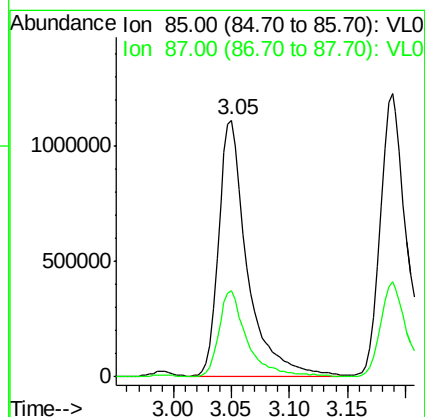
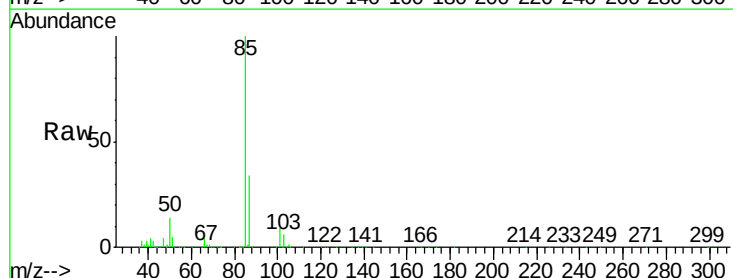
Acq: 20 Apr 2021 9:27

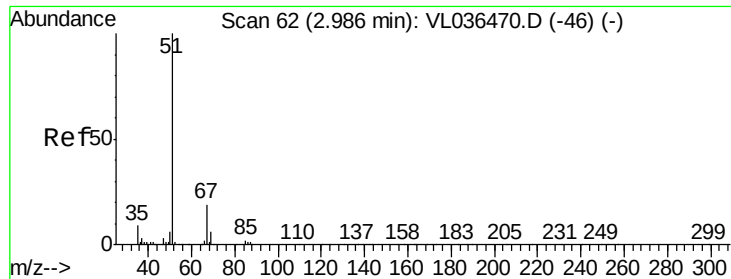
Tgt Ion: 85 Resp: 1908818

Ion Ratio Lower Upper

85 100

87 33.7 27.8 41.8



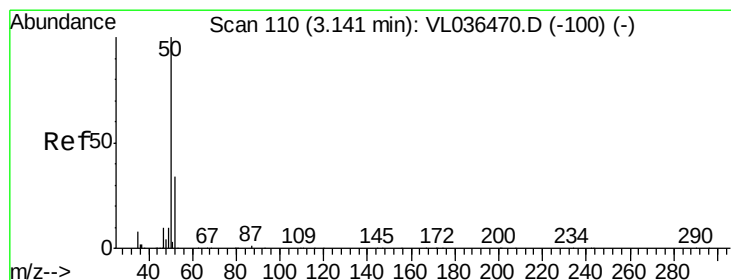
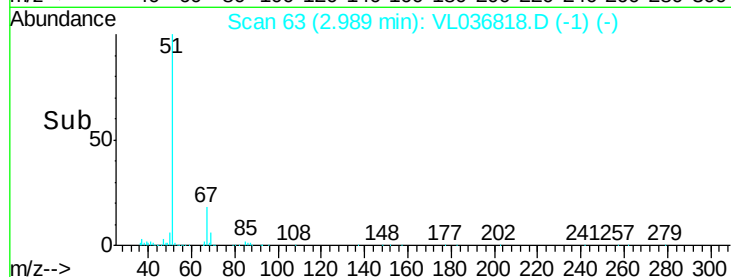
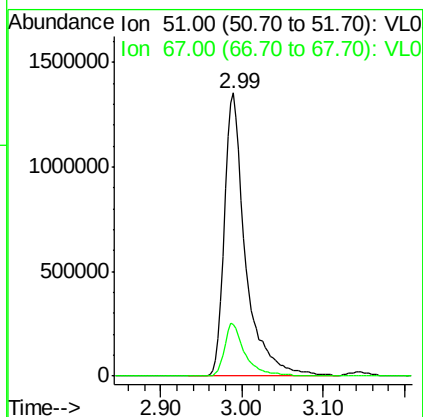
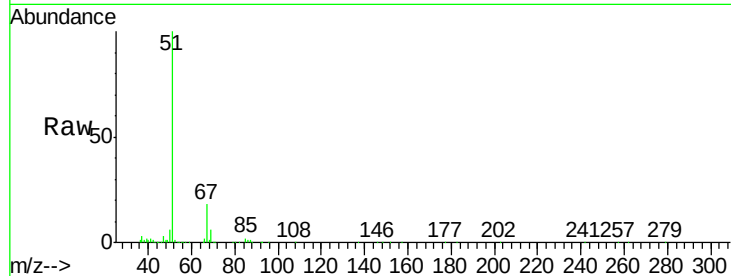


#3
Chlorodifluoromethane
Concen: 9.938 ppbv
RT: 2.99
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
Acq: 20 Apr 2021 9:27

Tot Ion:
Ion Ratio
51 100
67 18.

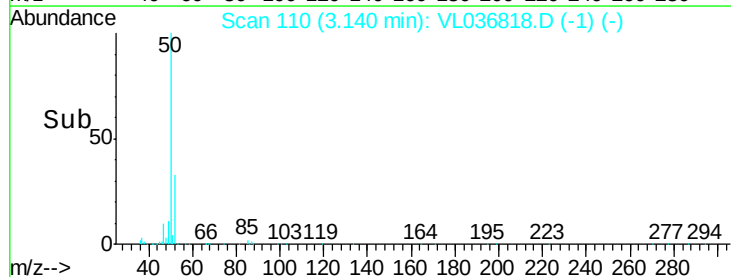
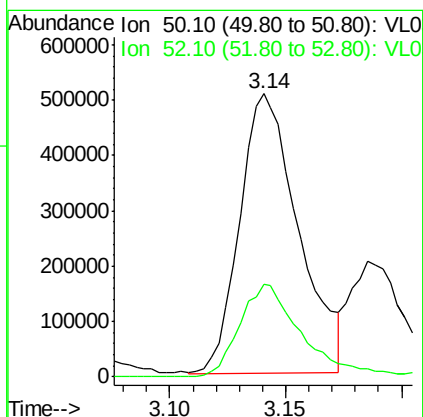
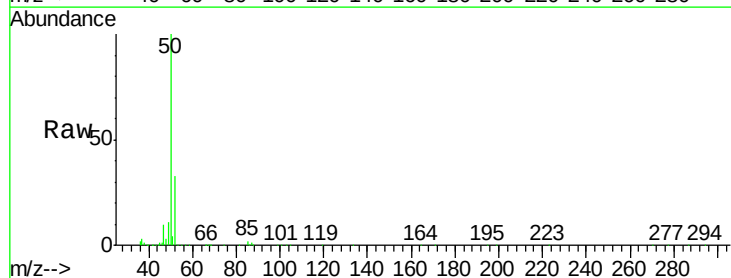
Manual Integrations
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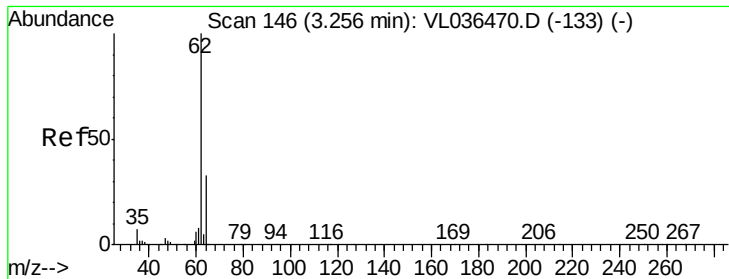
Reviewed By :Semsettin Yesilyurt 04/21/2021
Supervised By :Mahesh Dadoda 04/21/2021



#4
Chloromethane
Concen: 10.105 ppbv
RT: 3.14 min Scan# 110
Delta R.T. -0.00 min
Lab File: VL036818.D
Acq: 20 Apr 2021 9:27

Tgt Ion: 50 Resp: 891223
Ion Ratio Lower Upper
50 100
52 32.9 27.0 40.6





#5

Vinyl Chloride

Concen: 9.746 ppbv

RT: 3.26 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 20 Apr 2021 9:27 VSTDCCC010

Tot Ion:

Ion Ratio

62 100

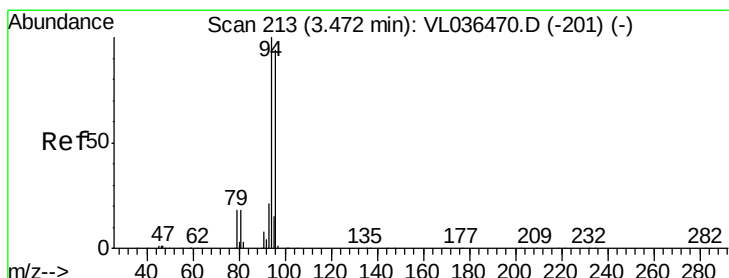
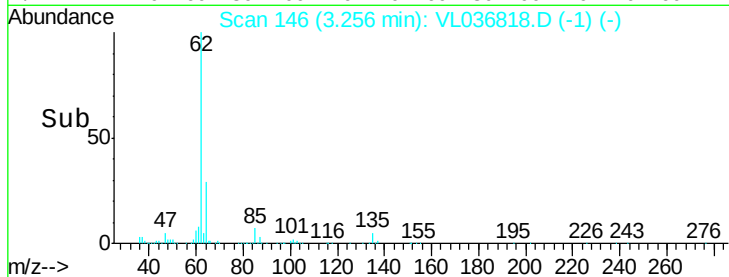
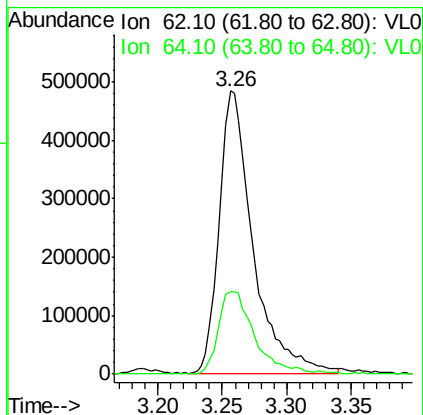
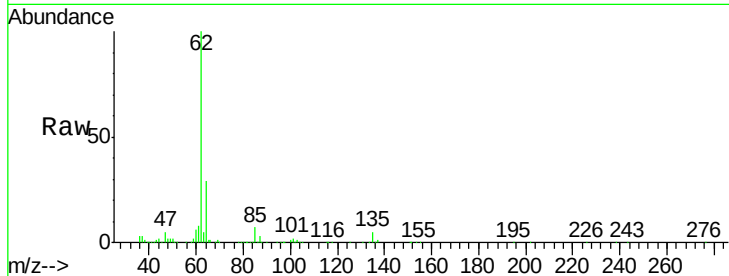
64 29.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/21/2021

Supervised By :Mahesh Dadoda 04/21/2021



#6

Bromomethane

Concen: 10.238 ppbv

RT: 3.47 min Scan# 214

Delta R.T. 0.00 min

Lab File: VL036818.D

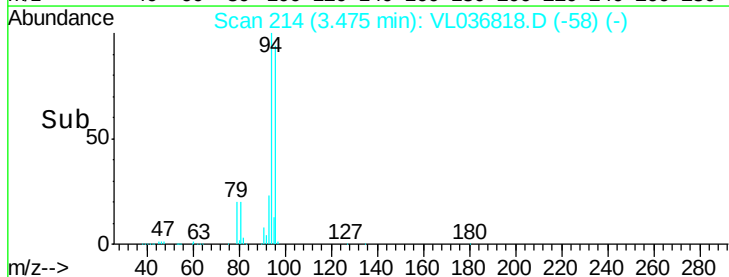
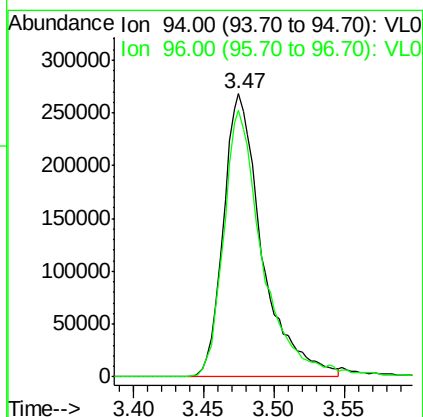
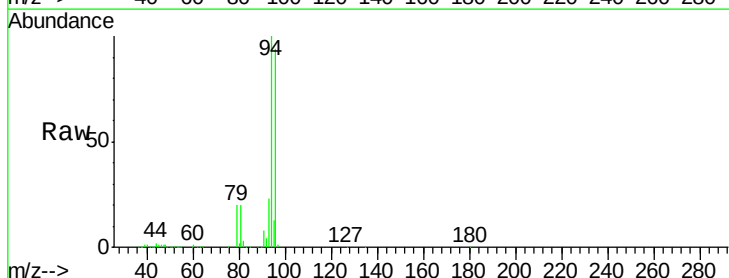
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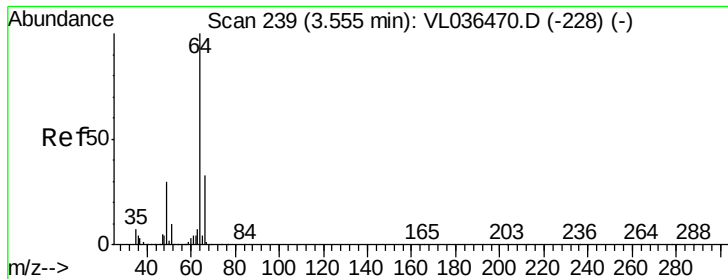
Tgt Ion: 94 Resp: 511171

Ion Ratio Lower Upper

94 100

96 94.3 74.9 112.3





#7

Chloroethane

Concen: 10.188 ppbv

RT: 3.56 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 20 Apr 2021 9:27 VSTDCCC010

Tot Ion:

Ion Ratio

64 100

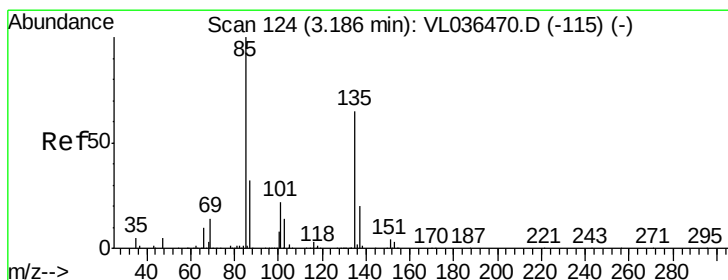
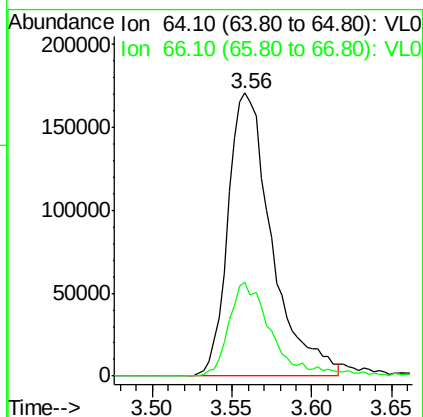
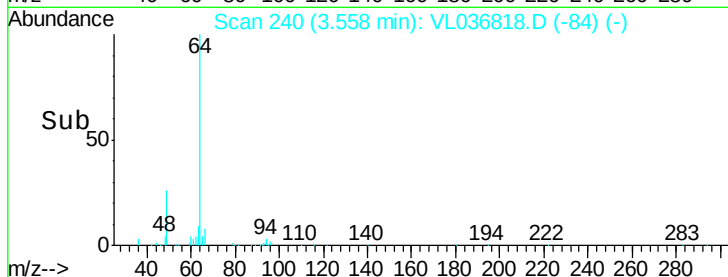
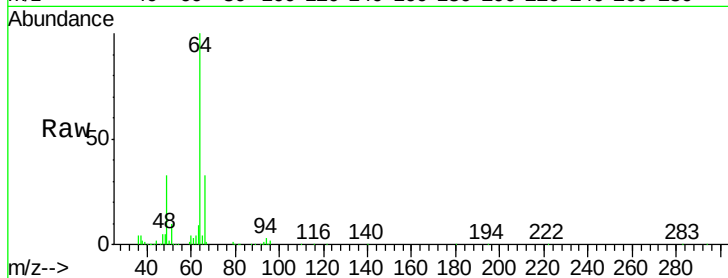
66 33.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/21/2021

Supervised By :Mahesh Dadoda 04/21/2021



#8

Dichlorotetrafluoroethane

Concen: 10.113 ppbv

RT: 3.19 min Scan# 125

Delta R.T. 0.00 min

Lab File: VL036818.D

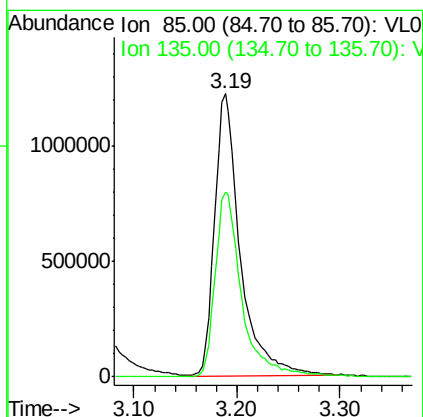
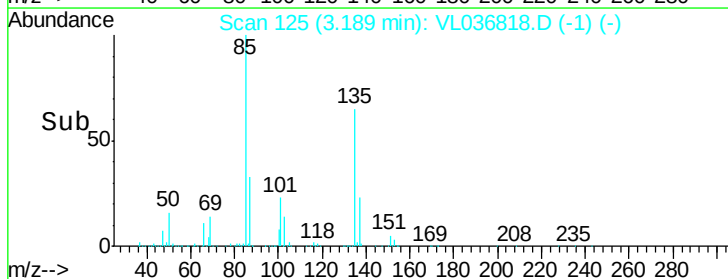
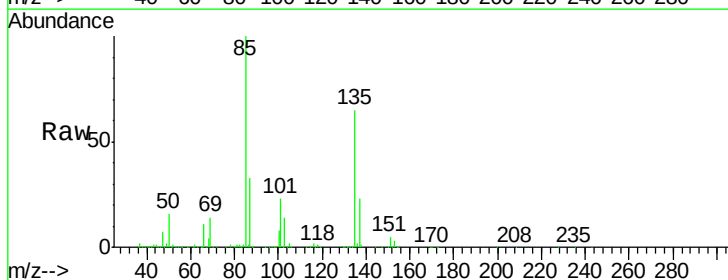
Acq: 20 Apr 2021 9:27

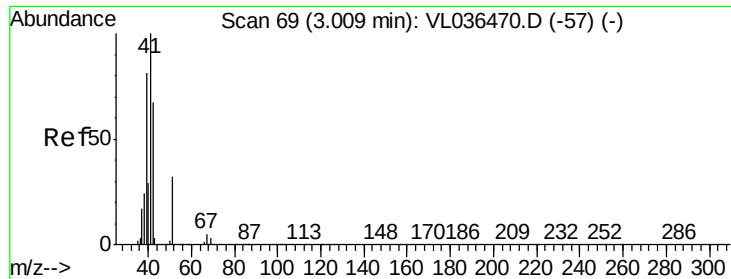
Tgt Ion: 85 Resp: 2103842

Ion Ratio Lower Upper

85 100

135 68.7 54.3 81.5





#9

Propene

Concen: 10.468 ppbv

RT: 3.01

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 20 Apr 2021 9:27

Tot Ion:

Ion Ratio

41 100

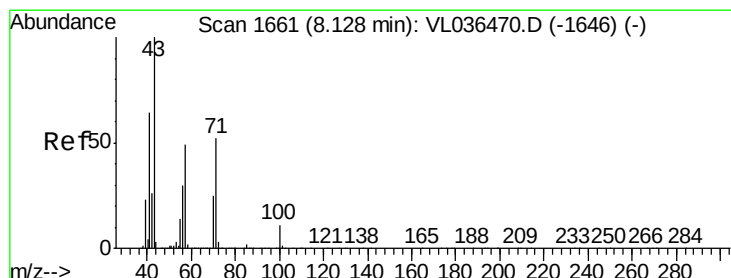
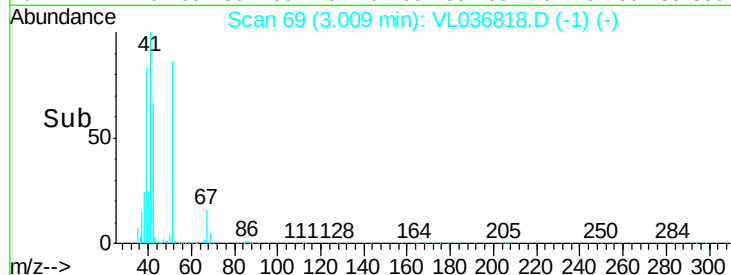
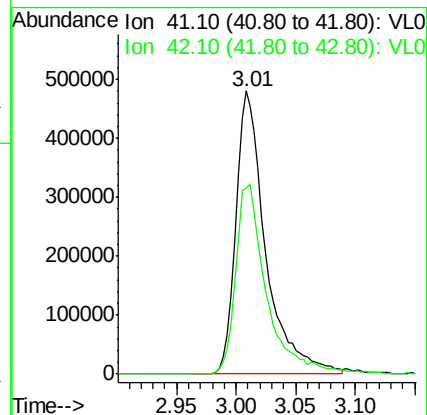
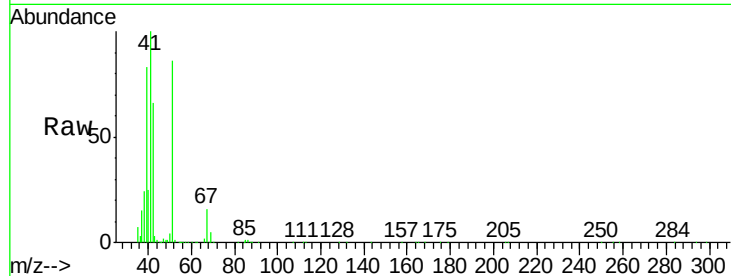
42 70.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/21/2021

Supervised By :Mahesh Dadoda 04/21/2021



#10

Heptane

Concen: 10.492 ppbv

RT: 8.13 min Scan# 1662

Delta R.T. 0.00 min

Lab File: VL036818.D

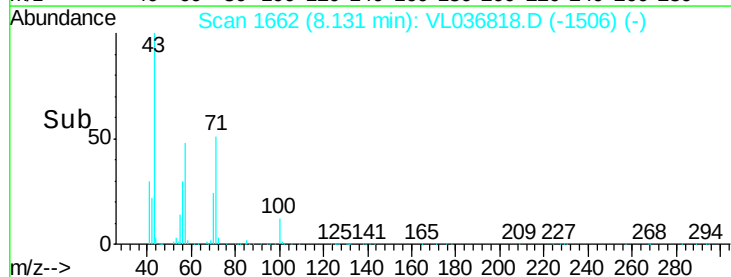
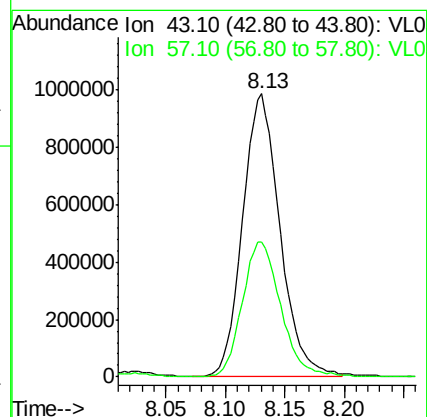
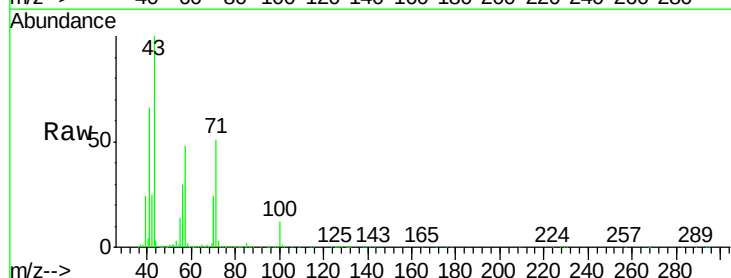
Acq: 20 Apr 2021 9:27

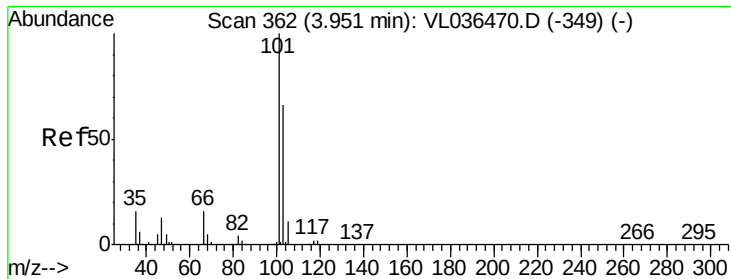
Tgt Ion: 43 Resp: 2127741

Ion Ratio Lower Upper

43 100

57 49.8 39.0 58.6



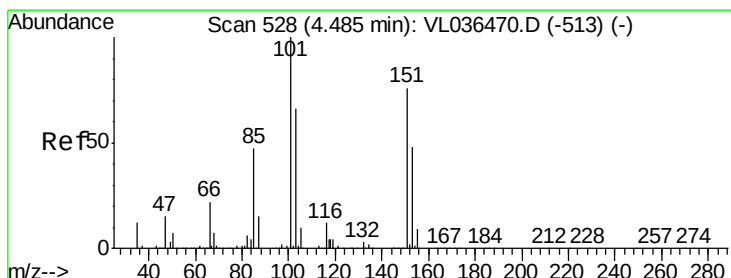
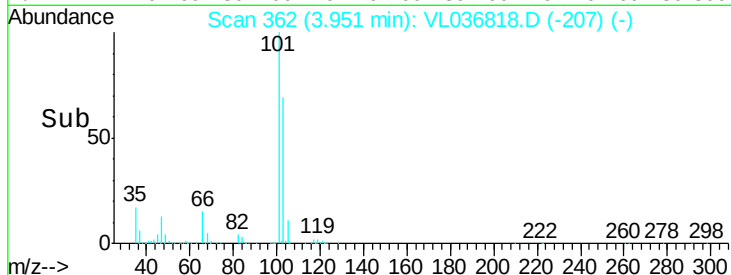
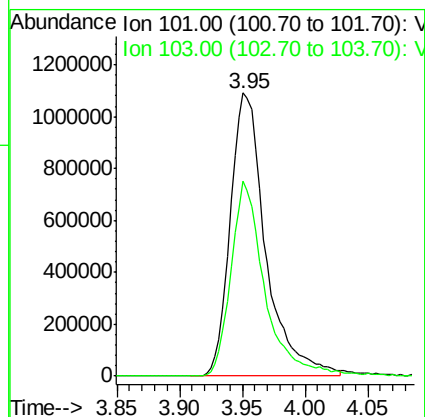
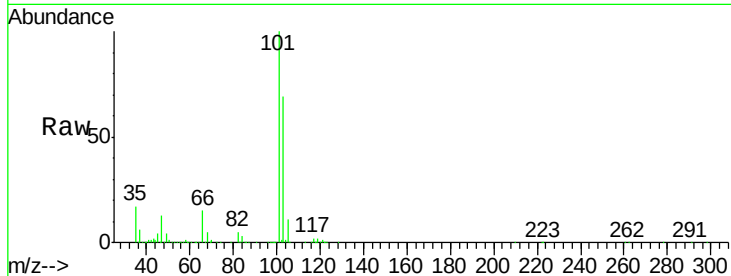


#11
 Trichlorofluoromethane
 Concen: 9.633 ppbv
 RT: 3.95 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 20 Apr 2021 9:27

Tot Ion:1
 Ion Rati
 101 100
 103 68.

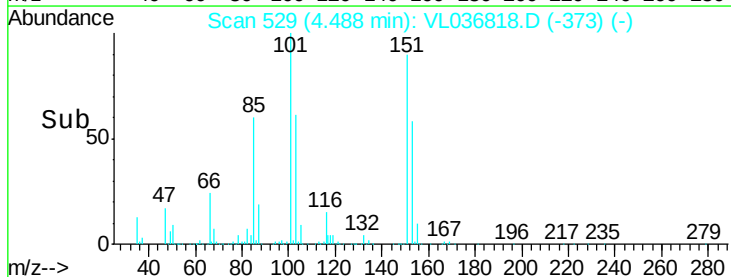
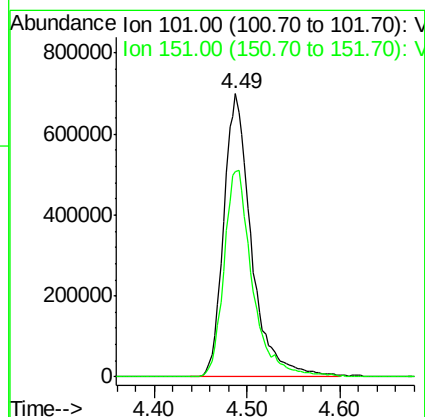
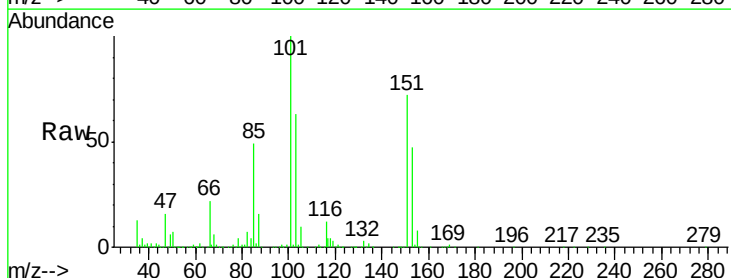
Manual Integrations
 APPROVED

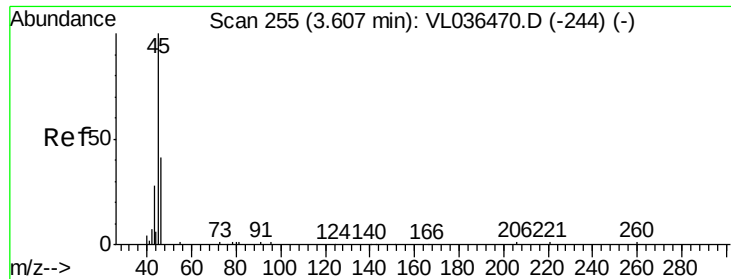
Reviewed By :Semsettin Yesilyurt 04/21/2021
 Supervised By :Mahesh Dadoda 04/21/2021



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.231 ppbv
 RT: 4.49 min Scan# 529
 Delta R.T.: 0.00 min
 Lab File: VL036818.D
 Acq: 20 Apr 2021 9:27

Tgt Ion:101 Resp: 1453075
 Ion Ratio Lower Upper
 101 100
 151 75.0 60.9 91.3



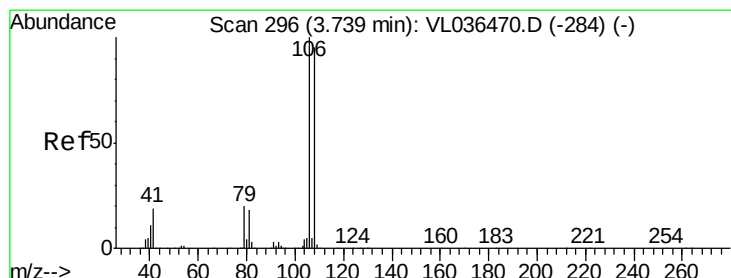
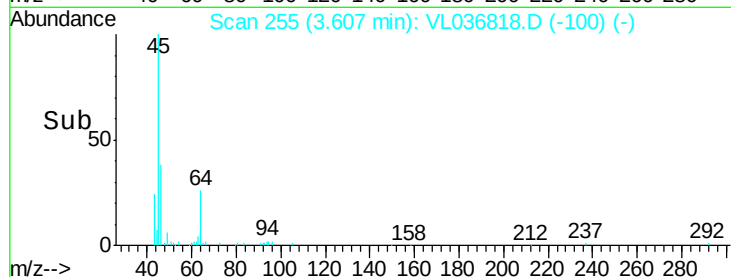
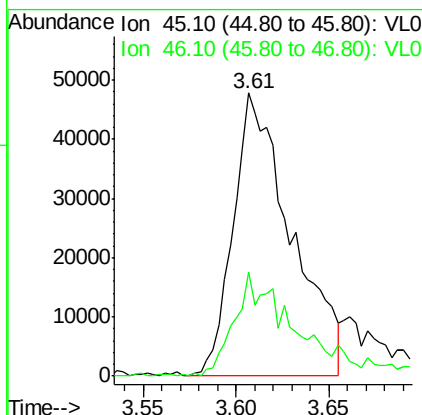
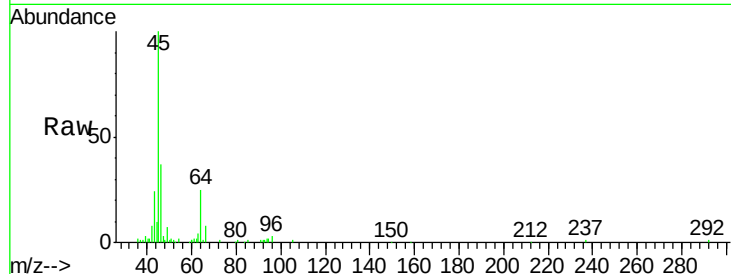


#13
Ethanol
Concen: 10.966 ppbv
RT: 3.61
Instrument : MSVOA_1
Delta R.T. :
Lab File: ClientSampleId :
Acq: 20 Apr 2021 9:27

Tot Ion:
Ion Ratio
45 100
46 40.

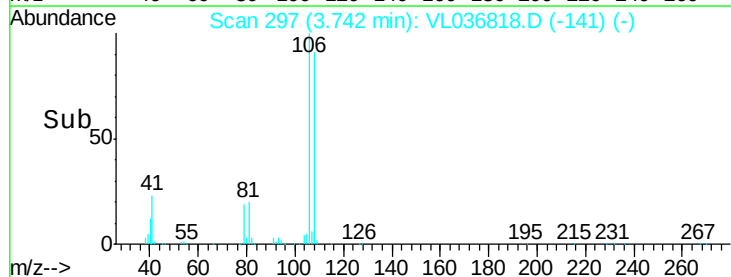
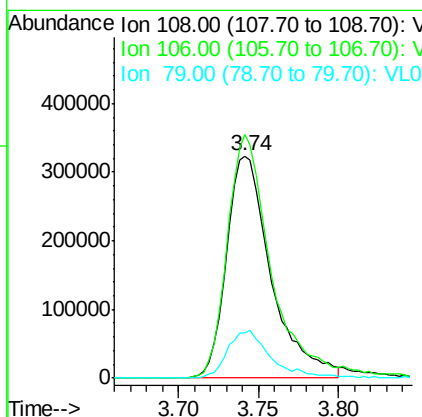
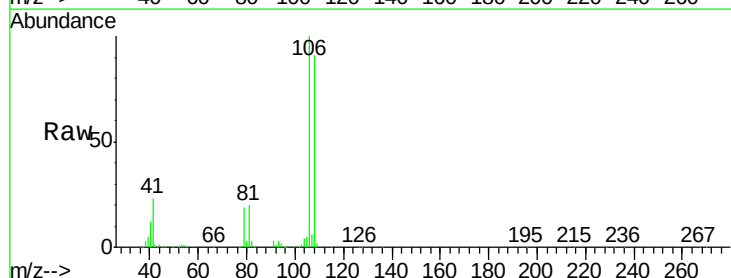
Manual Integrations
APPROVED

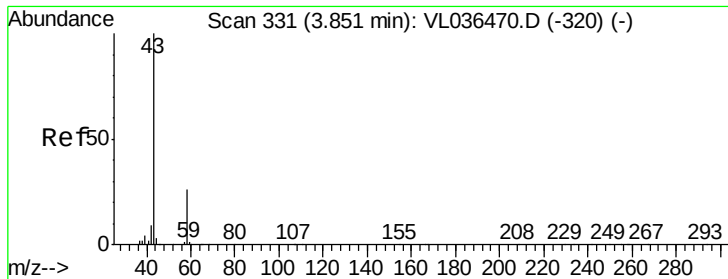
Reviewed By :Semsettin Yesilyurt 04/21/2021
Supervised By :Mahesh Dadoda 04/21/2021



#14
Bromoethene
Concen: 10.424 ppbv
RT: 3.74 min Scan# 297
Delta R.T. 0.00 min
Lab File: VL036818.D
Acq: 20 Apr 2021 9:27

Tgt Ion:108 Resp: 615459
Ion Ratio Lower Upper
108 100
106 110.4 89.0 133.6
79 21.2 16.6 25.0



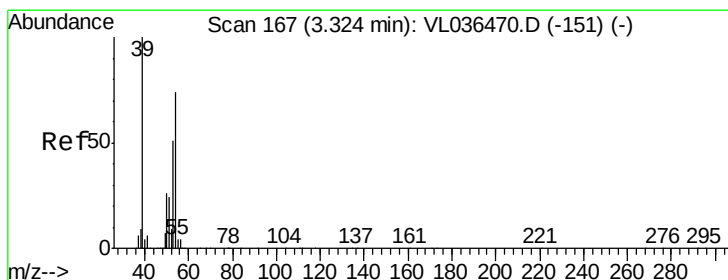
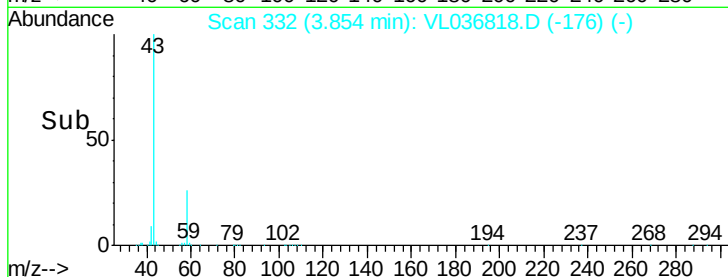
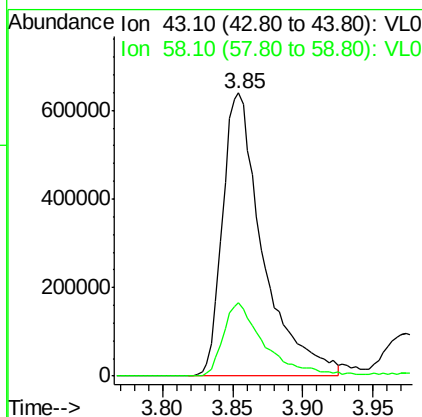
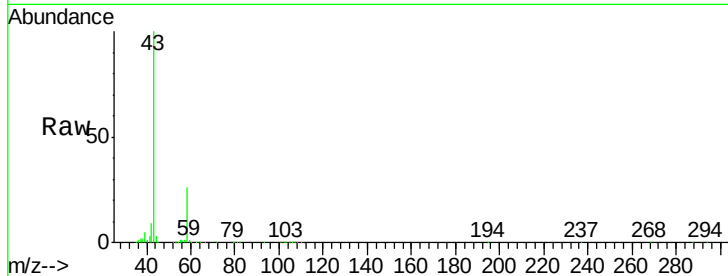


#15
Acetone
Concen: 9.691 ppbv
RT: 3.85
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 20 Apr 2021 9:27

Tot Ion:
Ion Ratio
43 100
58 26.

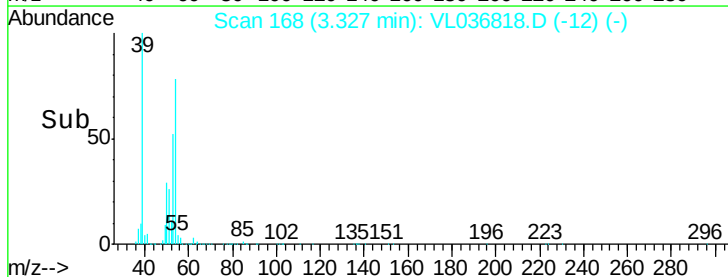
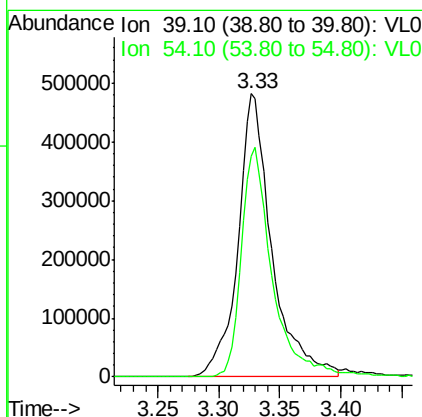
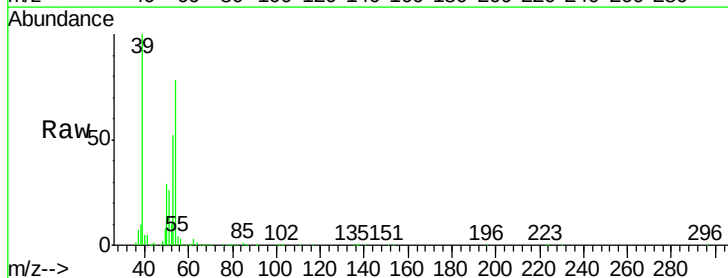
Manual Integrations
APPROVED

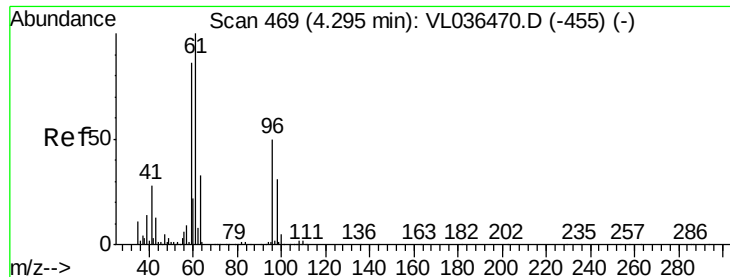
Reviewed By :Semsettin Yesilyurt 04/21/2021
Supervised By :Mahesh Dadoda 04/21/2021



#16
1,3-Butadiene
Concen: 10.066 ppbv
RT: 3.33 min Scan# 168
Delta R.T. 0.00 min
Lab File: VL036818.D
Acq: 20 Apr 2021 9:27

Tgt Ion: 39 Resp: 921772
Ion Ratio Lower Upper
39 100
54 74.6 58.8 88.2





#17

tert-Butyl alcohol

Concen: 11.867 ppbv

RT: 4.29

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 20 Apr 2021 9:27

Tot Ion:

Ion Ratio

59 100

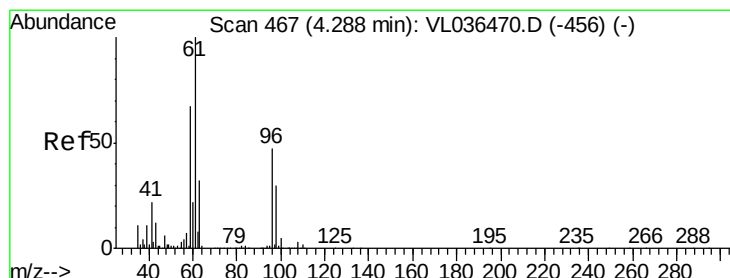
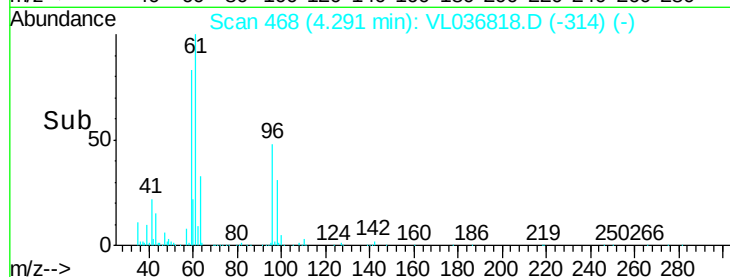
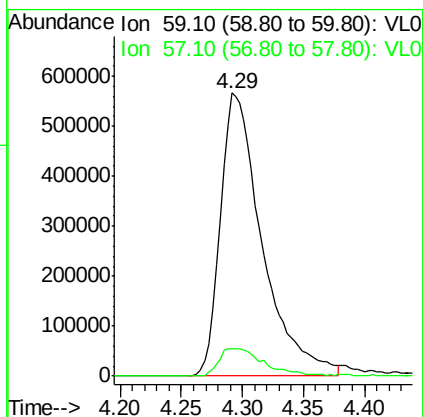
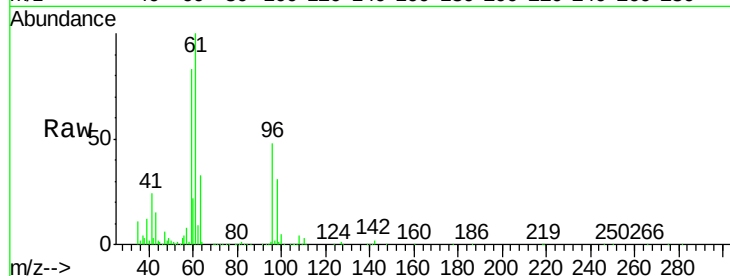
57 11.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/21/2021

Supervised By :Mahesh Dadoda 04/21/2021



#18

1,1-Dichloroethene

Concen: 10.045 ppbv

RT: 4.29 min Scan# 468

Delta R.T. 0.00 min

Lab File: VL036818.D

Acq: 20 Apr 2021 9:27

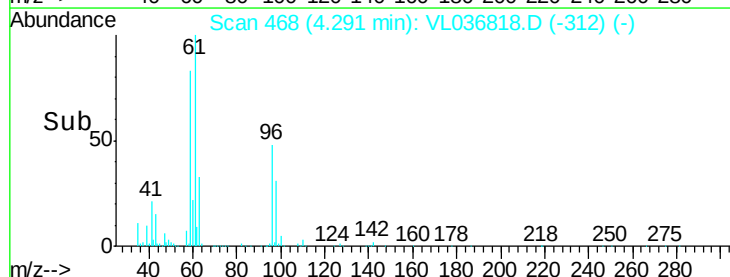
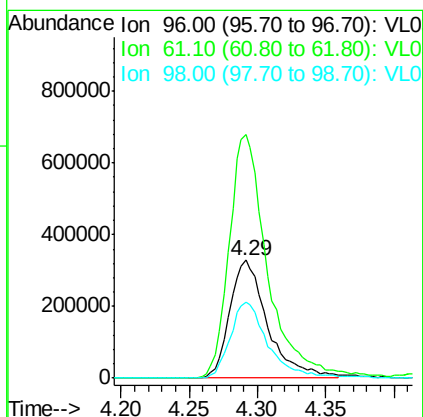
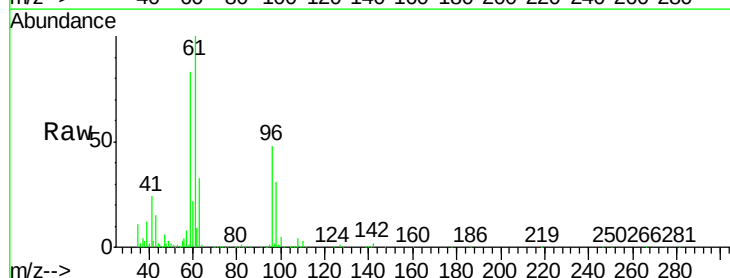
Tgt Ion: 96 Resp: 634610

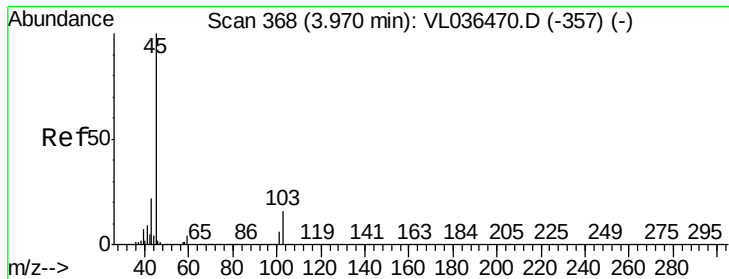
Ion Ratio Lower Upper

96 100

61 206.3 168.6 253.0

98 64.4 50.8 76.2





#19

Isopropyl Alcohol

Concen: 10.997 ppbv

RT: 3.97

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 20 Apr 2021 9:27

Tot Ion:

Ion Ratio

45 100

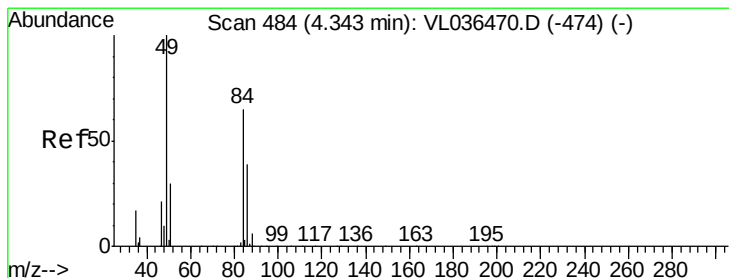
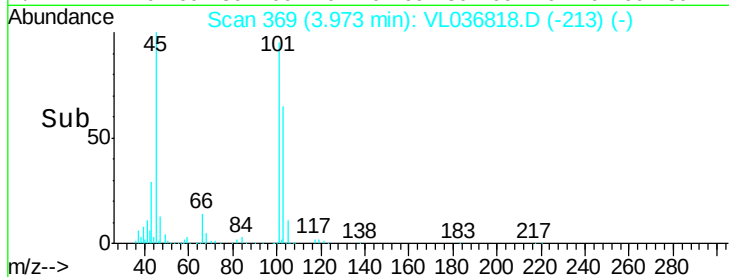
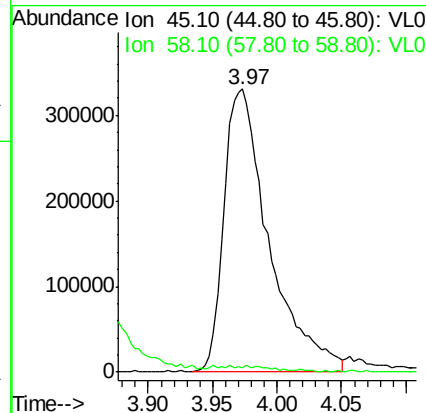
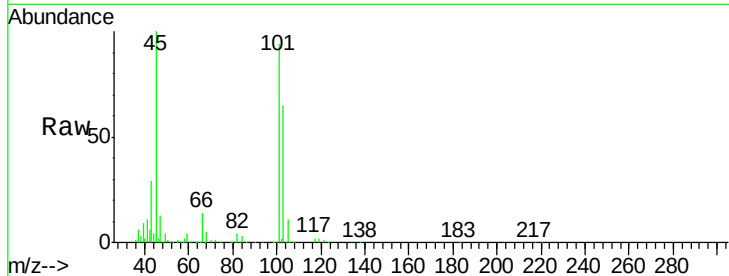
58 2.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/21/2021

Supervised By :Mahesh Dadoda 04/21/2021



#20

Methylene Chloride

Concen: 9.157 ppbv

RT: 4.35 min Scan# 485

Delta R.T. 0.00 min

Lab File: VL036818.D

Acq: 20 Apr 2021 9:27

Tgt Ion: 84 Resp: 563934

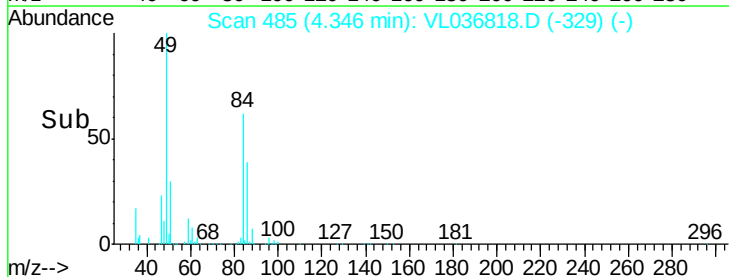
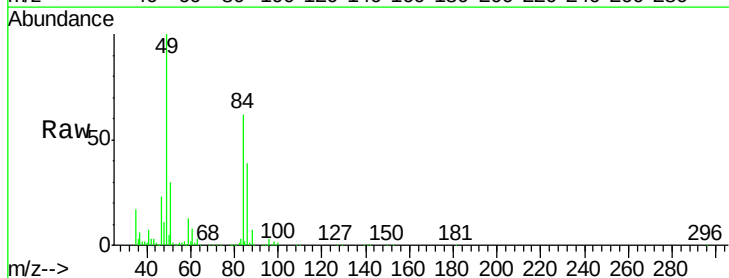
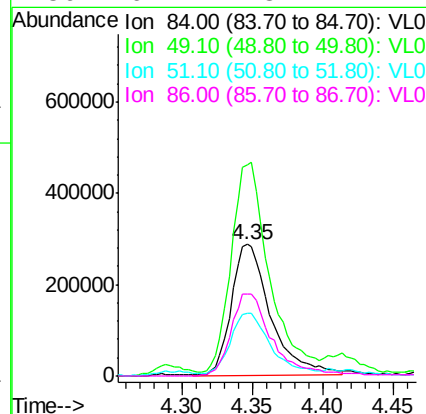
Ion Ratio Lower Upper

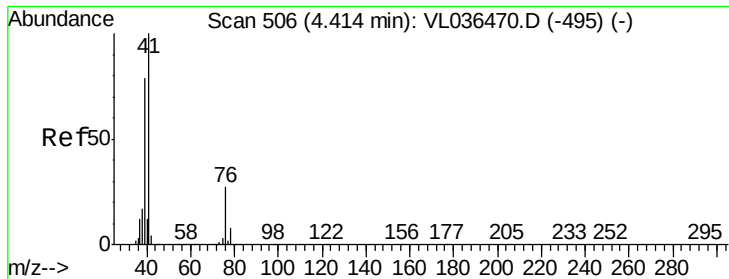
84 100

49 157.4 122.9 184.3

51 46.4 36.9 55.3

86 62.2 48.2 72.4





#21

Allvl Chloride

Concen: 10.406 ppbv

RT: 4.41 Instrument: MSVOA_1

Delta R.T. 0.00 min

Lab File: ClientSampleId: VSTDCCC010

Acq: 20 Apr 2021 9:27

Tot Ion:

Ion Ratio

41 100

76 28.

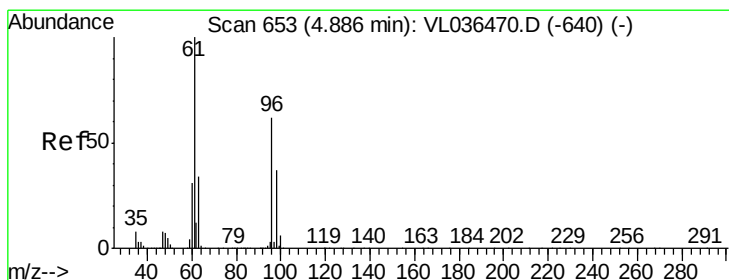
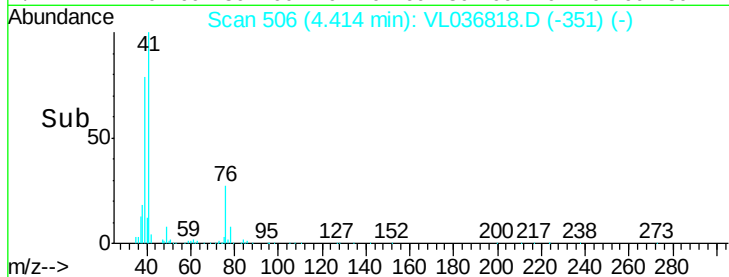
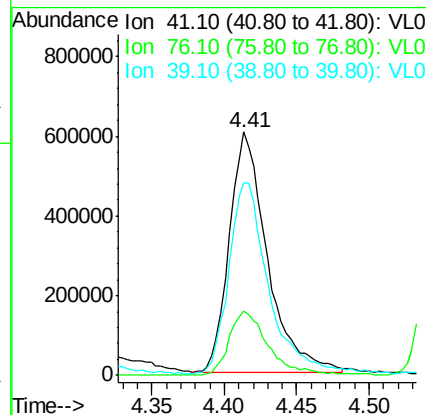
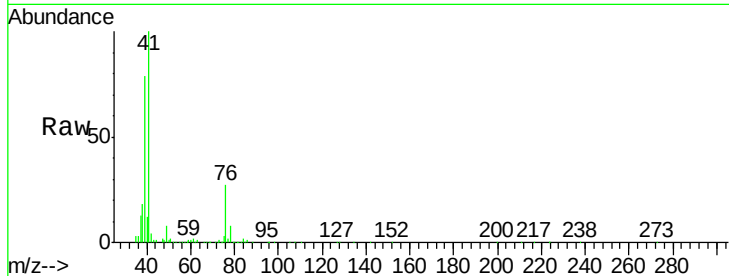
39 83.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/21/2021

Supervised By :Mahesh Dadoda 04/21/2021



#22

trans-1,2-Dichloroethene

Concen: 10.584 ppbv

RT: 4.89 min Scan# 654

Delta R.T. 0.00 min

Lab File: VL036818.D

Acq: 20 Apr 2021 9:27

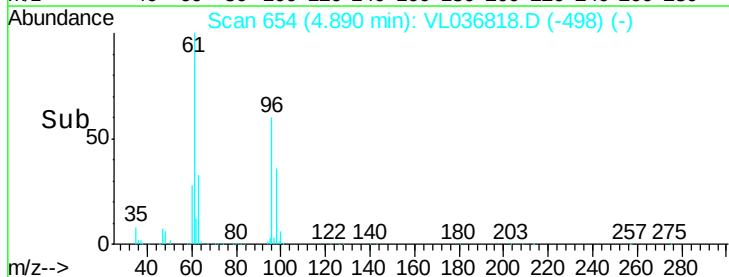
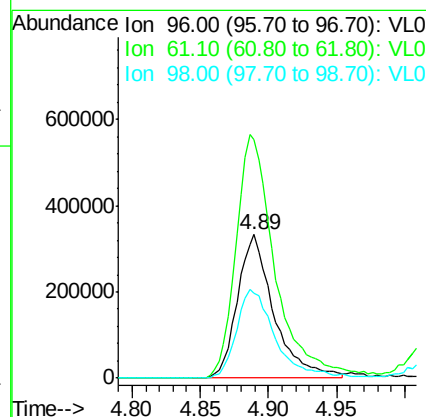
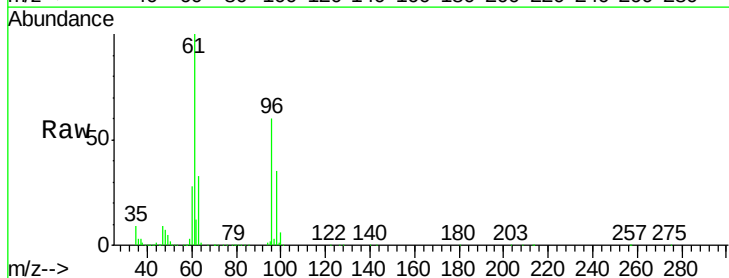
Tgt Ion: 96 Resp: 619887

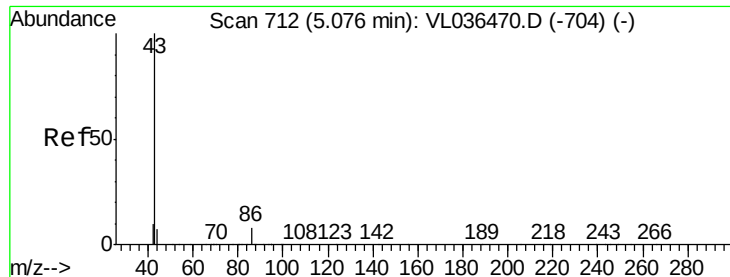
Ion Ratio Lower Upper

96 100

61 166.2 129.4 194.0

98 58.9 48.2 72.4





#23

Vinyl Acetate

Concen: 10.597 ppbv

RT: 5.08 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VSTDCCC010

Acq: 20 Apr 2021 9:27

Tot Ion:

Ion Ratio

43 100

86 6.

42 10.

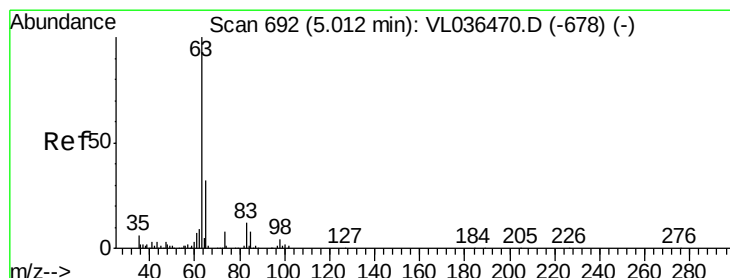
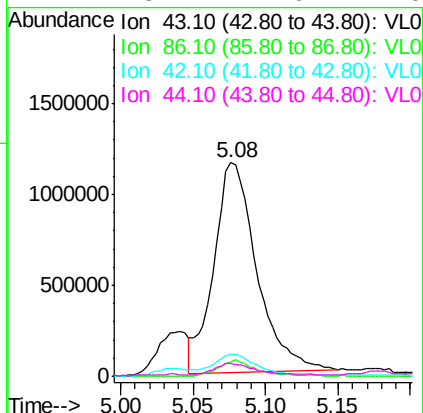
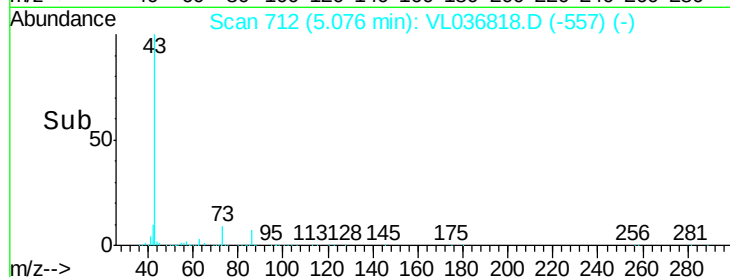
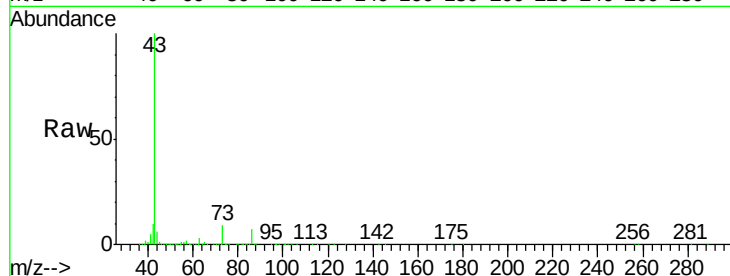
44 5.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/21/2021

Supervised By :Mahesh Dadoda 04/21/2021



#24

1,1-Dichloroethane

Concen: 10.034 ppbv

RT: 5.01 min Scan# 693

Delta R.T. 0.00 min

Lab File: VL036818.D

Acq: 20 Apr 2021 9:27

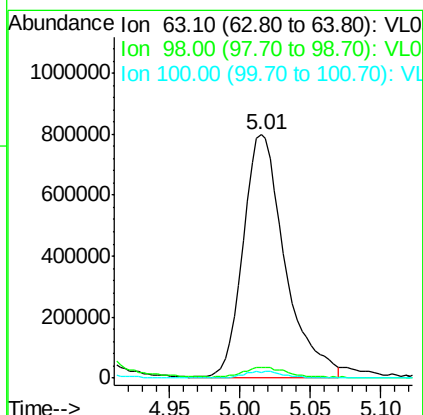
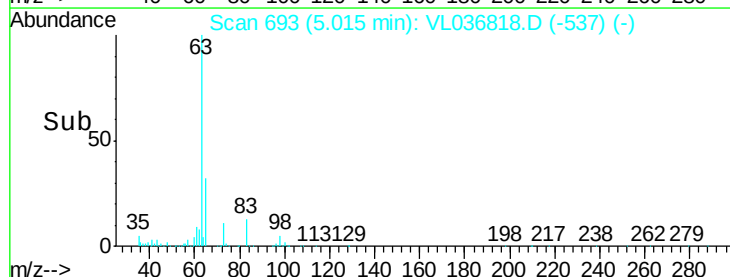
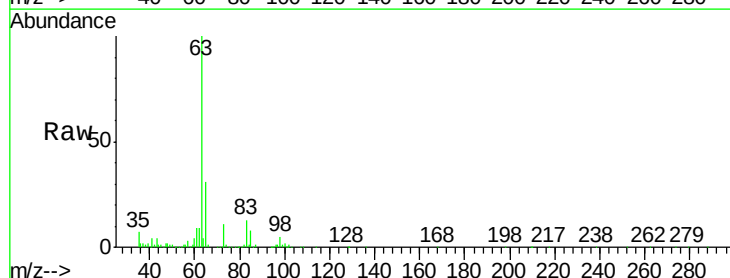
Tgt Ion: 63 Resp: 1645539

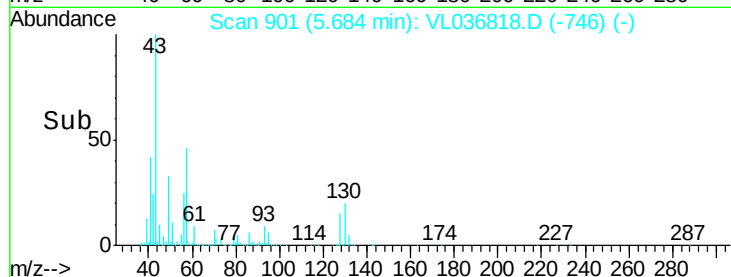
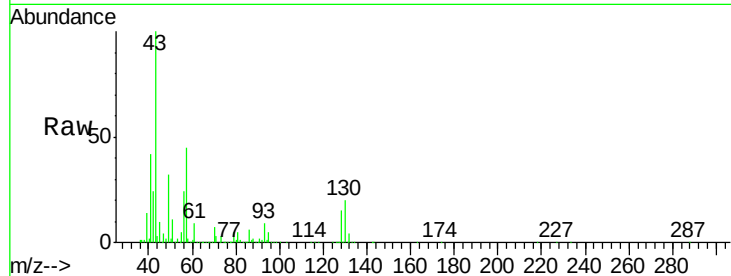
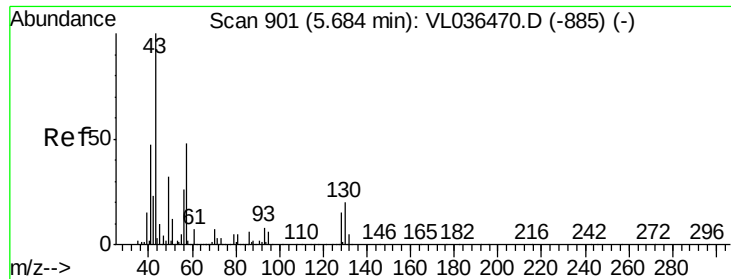
Ion Ratio Lower Upper

63 100

98 4.2 2.1 6.2

100 2.3 0.9 2.8



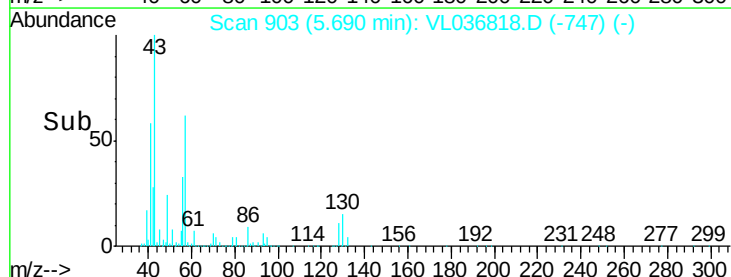
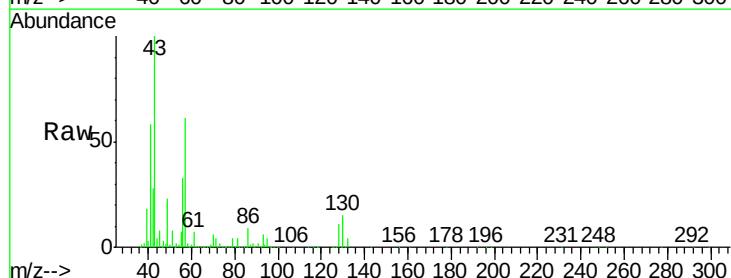
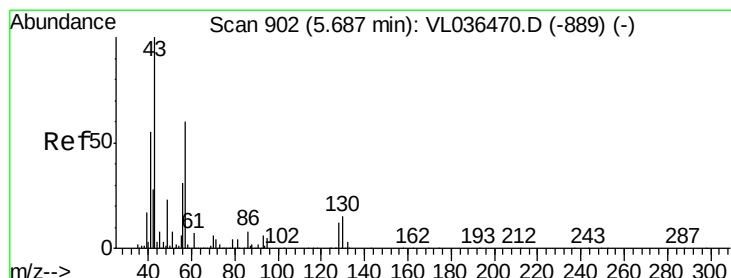
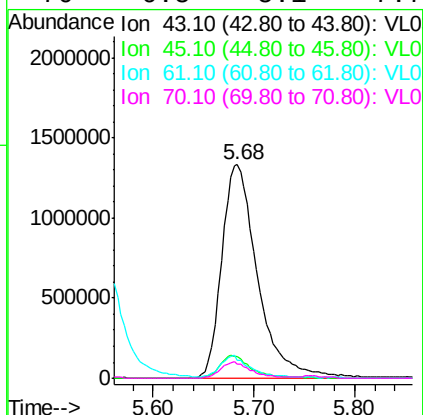


#25
Ethyl Acetate
Concen: 10.458 ppbv
RT: 5.68
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
Acq: 20 Apr 2021 9:27

Tot Ion:
Ion Ratio
43 100
45 9.
61 9.
70 6.5 5.1 7.7

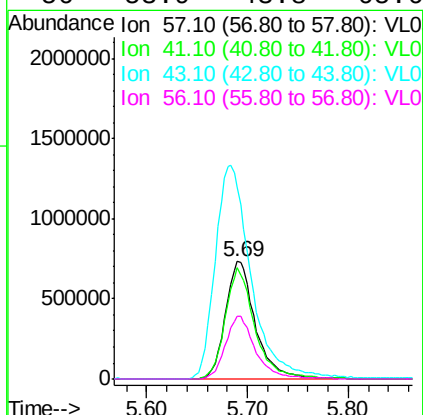
Manual Integrations
APPROVED

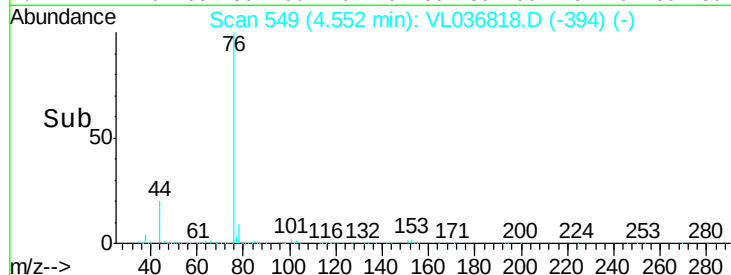
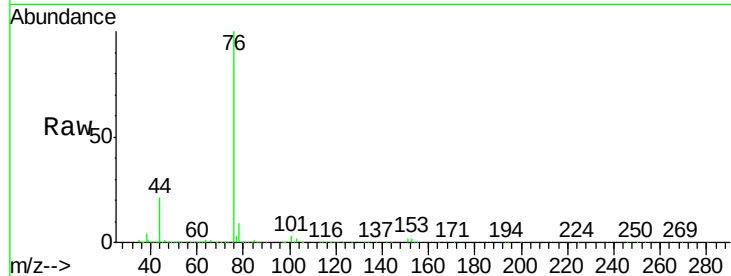
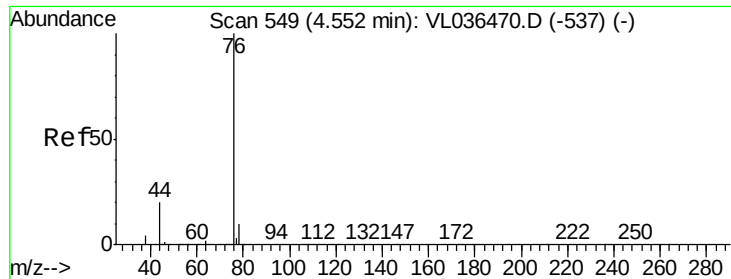
Reviewed By :Semsettin Yesilyurt 04/21/2021
Supervised By :Mahesh Dadoda 04/21/2021



#26
Hexane
Concen: 10.523 ppbv
RT: 5.69 min Scan# 903
Delta R.T.: 0.00 min
Lab File: VL036818.D
Acq: 20 Apr 2021 9:27

Tgt Ion: 57 Resp: 1527104
Ion Ratio Lower Upper
57 100
41 93.8 77.2 115.8
43 216.4 173.8 260.6
56 53.9 43.8 65.6



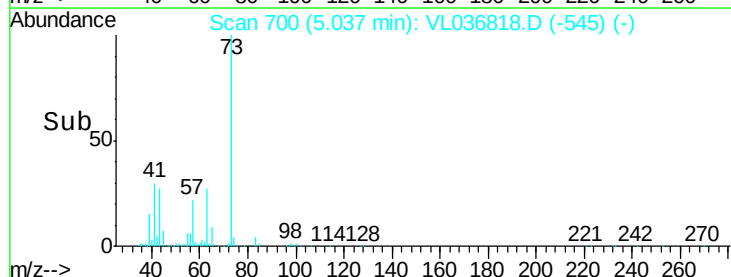
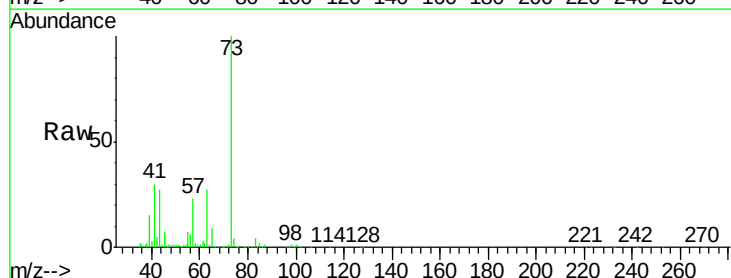
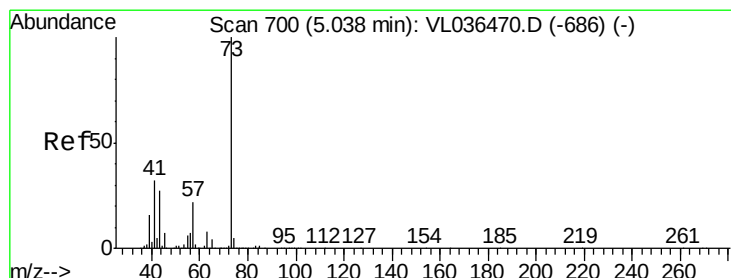
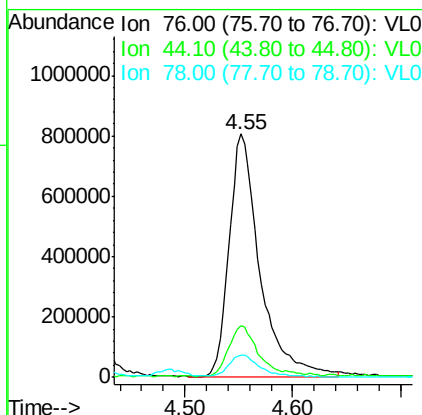


#27
Carbon Disulfide
Concen: 11.191 ppbv
RT: 4.55
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 20 Apr 2021 9:27

Tot Ion:
Ion Ratio
76 100
44 21.
78 10.

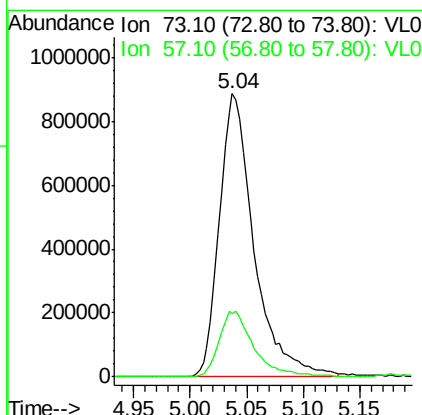
Manual Integrations
APPROVED

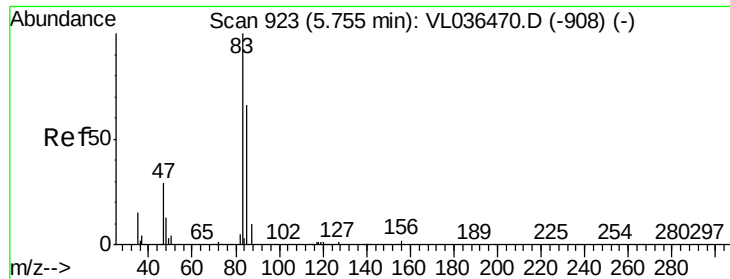
Reviewed By :Semsettin Yesilyurt 04/21/2021
Supervised By :Mahesh Dadoda 04/21/2021



#28
Methyl tert-Butyl Ether
Concen: 11.007 ppbv
RT: 5.04 min Scan# 700
Delta R.T. -0.00 min
Lab File: VL036818.D
Acq: 20 Apr 2021 9:27

Tgt Ion: 73 Resp: 1883819
Ion Ratio Lower Upper
73 100
57 23.7 18.5 27.7



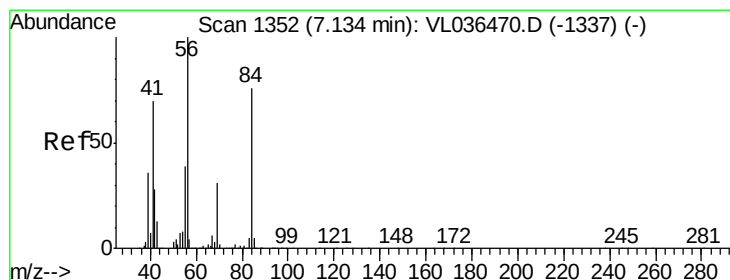
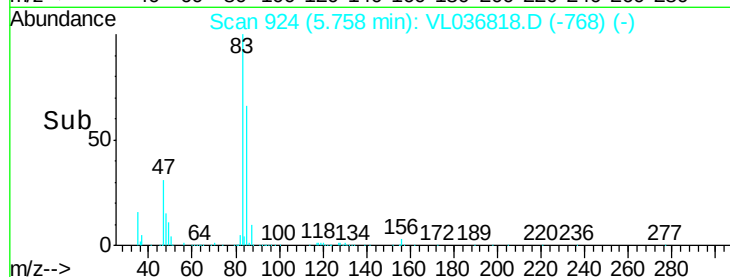
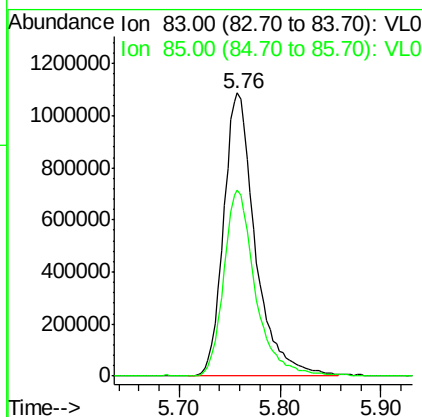
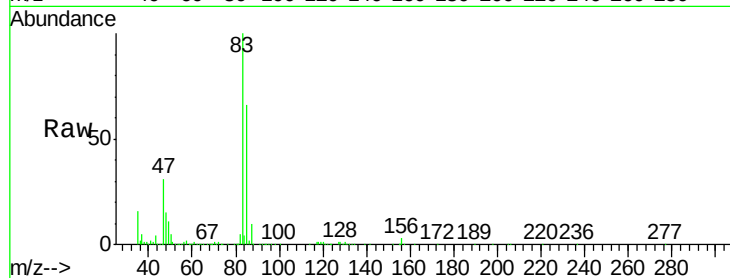


#29
Chloroform
Concen: 10.278 ppbv
RT: 5.76
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
Acq: 20 Apr 2021 9:27

Tot Ion:
Ion Ratio
83 100
85 65.

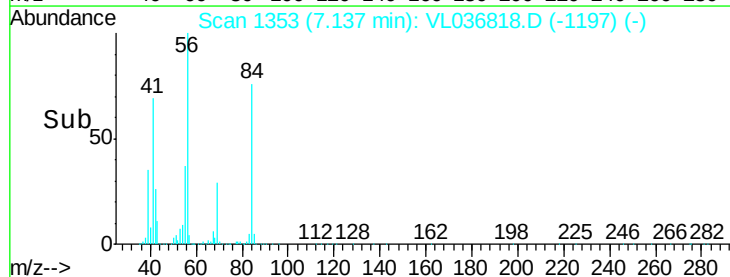
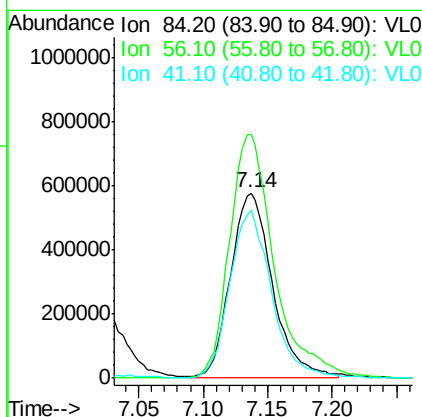
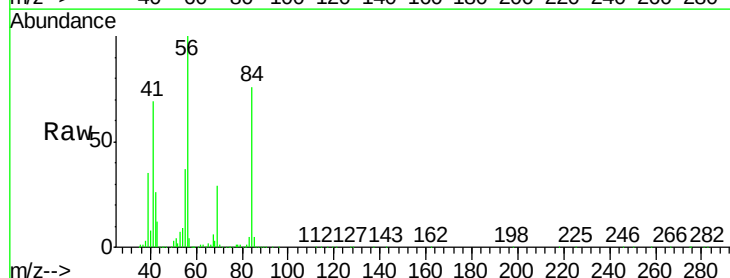
Manual Integrations
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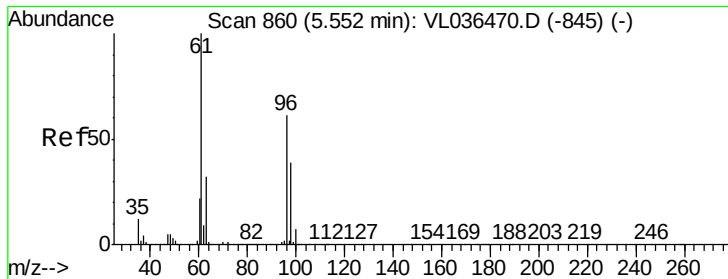
Reviewed By :Semsettin Yesilyurt 04/21/2021
Supervised By :Mahesh Dadoda 04/21/2021



#30
Cyclohexane
Concen: 11.070 ppbv
RT: 7.14 min Scan# 1353
Delta R.T.: 0.00 min
Lab File: VL036818.D
Acq: 20 Apr 2021 9:27

Tgt Ion: 84 Resp: 1302922
Ion Ratio Lower Upper
84 100
56 141.2 114.6 171.8
41 91.2 75.3 112.9





#31

cis-1,2-Dichloroethene

Concen: 10.834 ppbv

RT: 5.55 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 20 Apr 2021 9:27 VSTDCCC010

Tot Ion:

Ion Ratio

61 100

96 64.

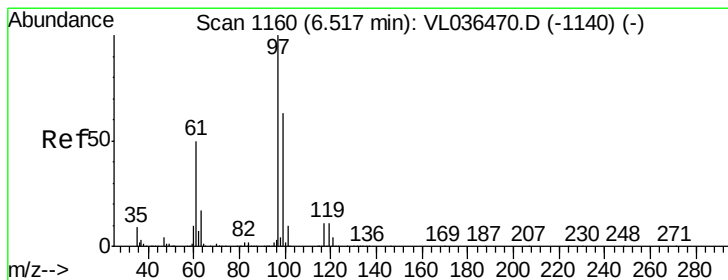
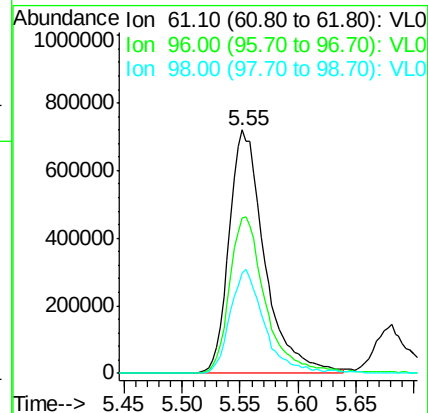
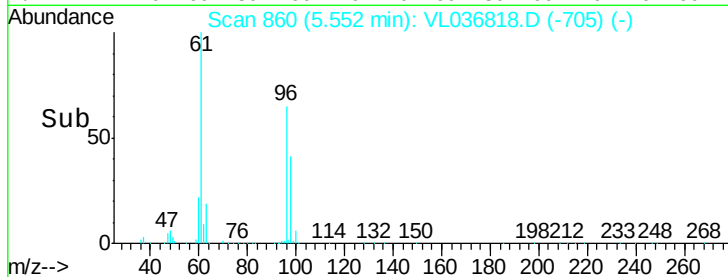
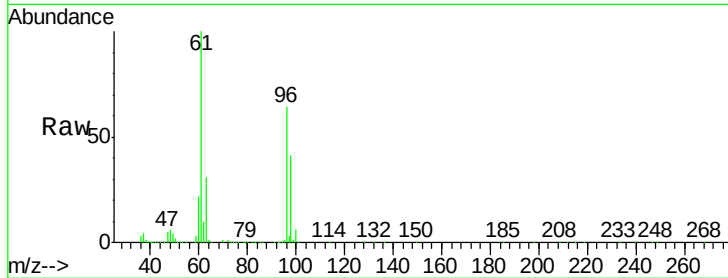
98 41.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/21/2021

Supervised By :Mahesh Dadoda 04/21/2021



#32

1,1,1-Trichloroethane

Concen: 10.378 ppbv

RT: 6.52 min Scan# 1160

Delta R.T. -0.00 min

Lab File: VL036818.D

Acq: 20 Apr 2021 9:27

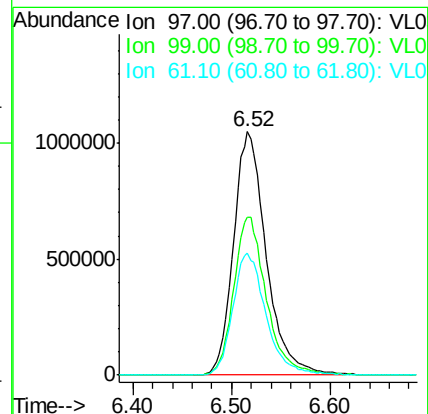
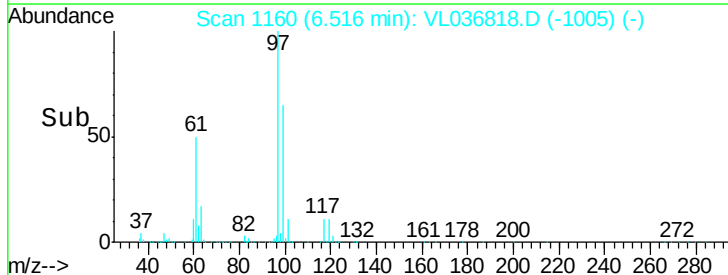
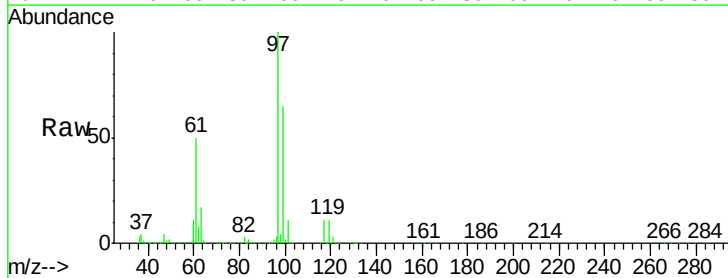
Tgt Ion: 97 Resp: 2427460

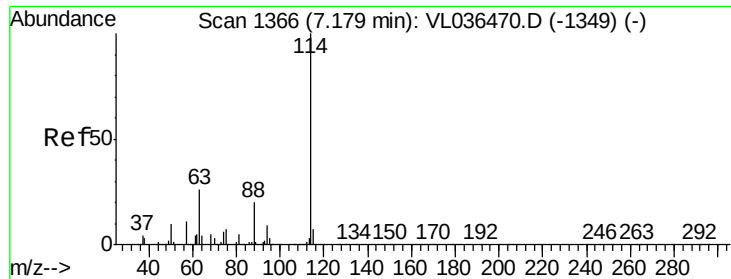
Ion Ratio Lower Upper

97 100

99 65.0 51.4 77.0

61 50.9 40.6 60.8



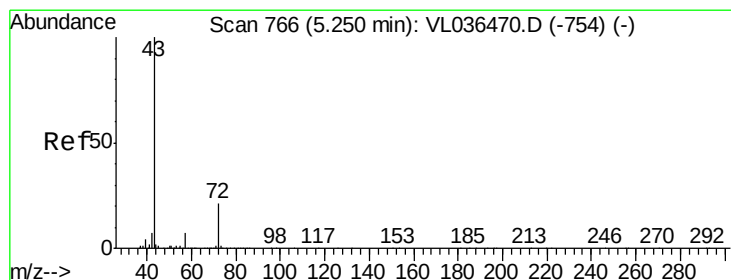
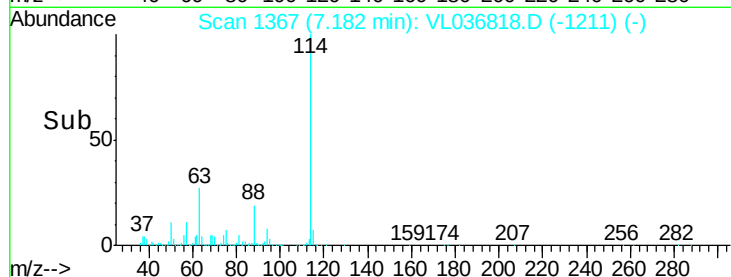
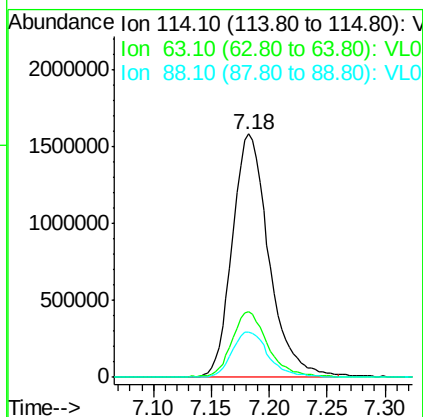
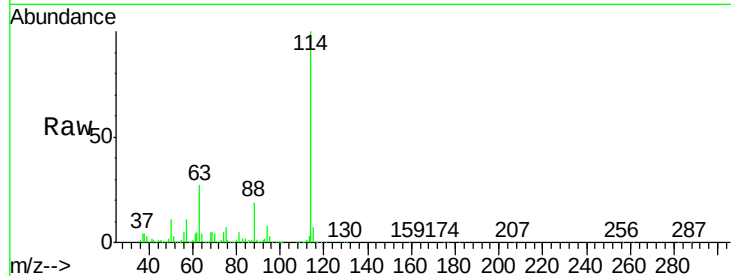


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18
 Instrument : MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 20 Apr 2021 9:27

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

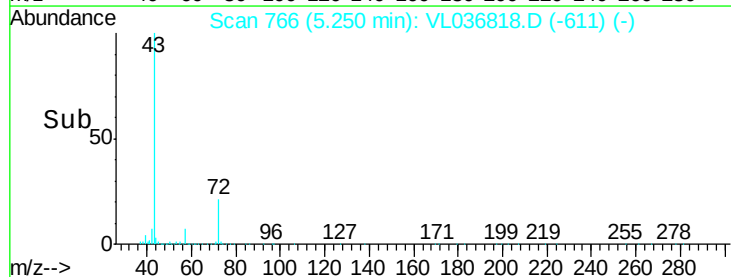
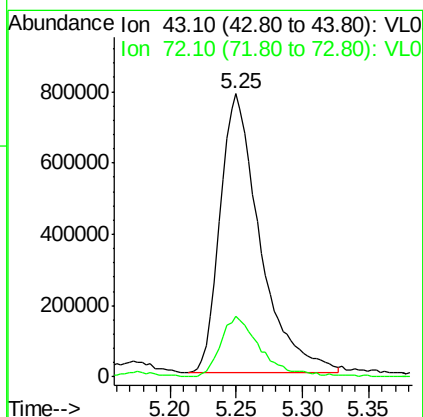
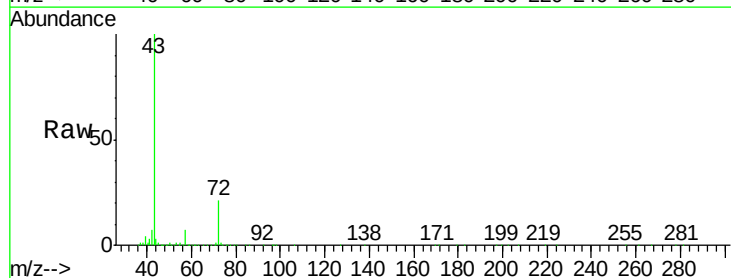
Manual Integrations
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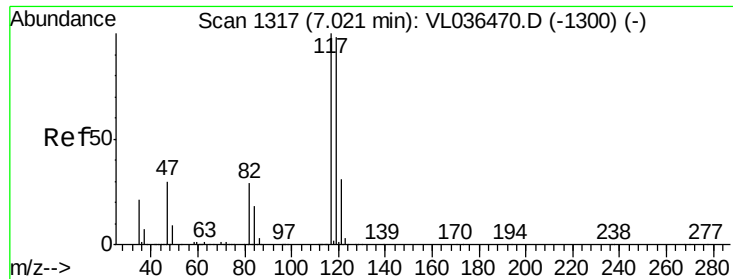
Reviewed By :Semsettin Yesilyurt 04/21/2021
 Supervised By :Mahesh Dadoda 04/21/2021



#34
 2-Butanone
 Concen: 9.725 ppbv
 RT: 5.25 min Scan# 766
 Delta R.T. -0.00 min
 Lab File: VL036818.D
 Acq: 20 Apr 2021 9:27

Tgt Ion: 43 Resp: 1649921
 Ion Ratio Lower Upper
 43 100
 72 21.7 17.0 25.6



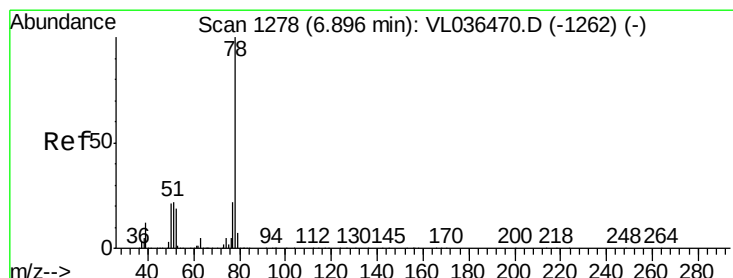
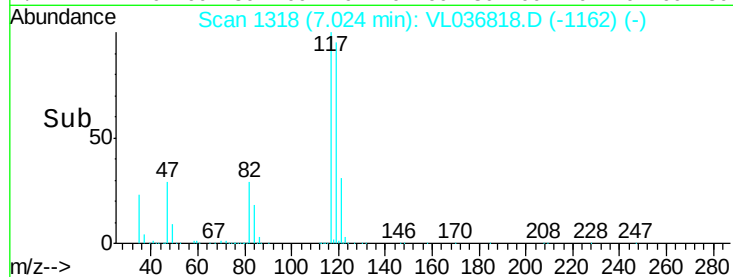
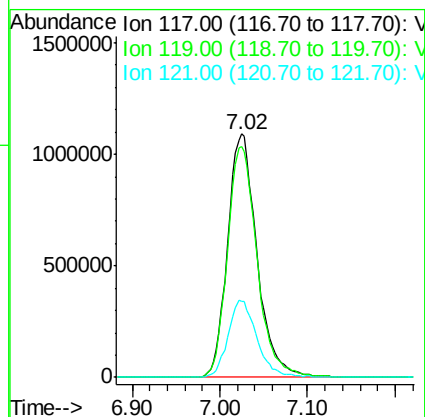
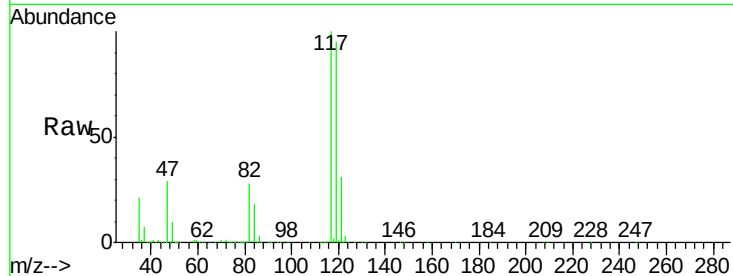


#35
Carbon Tetrachloride
Concen: 9.544 ppbv
RT: 7.02
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 20 Apr 2021 9:27

Tot Ion:1
Ion Rati
117 100
119 95.
121 31.

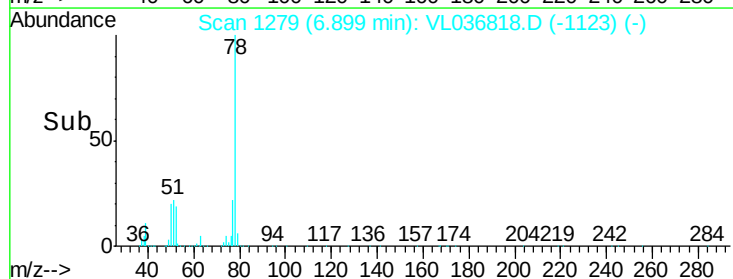
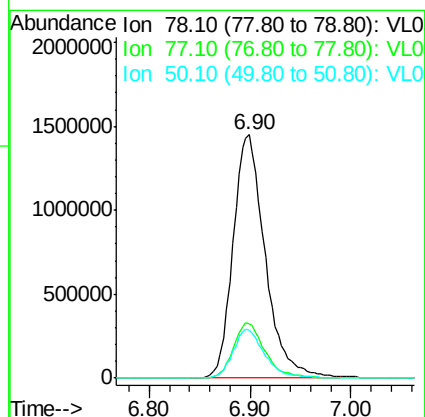
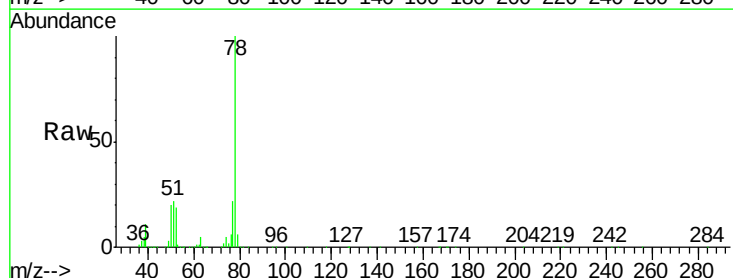
Manual Integrations
APPROVED

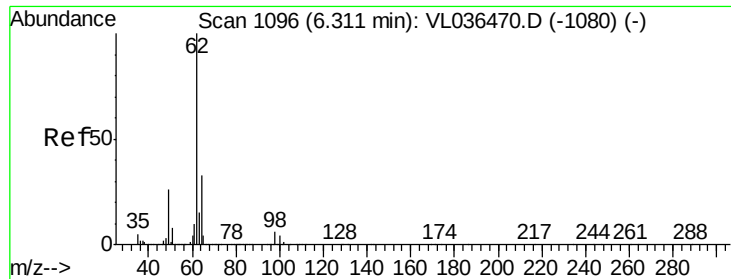
Reviewed By :Semsettin Yesilyurt 04/21/2021
Supervised By :Mahesh Dadoda 04/21/2021



#36
Benzene
Concen: 9.999 ppbv
RT: 6.90 min Scan# 1279
Delta R.T. 0.00 min
Lab File: VL036818.D
Acq: 20 Apr 2021 9:27

Tgt Ion: 78 Resp: 3205125
Ion Ratio Lower Upper
78 100
77 22.4 18.0 27.0
50 19.6 16.5 24.7



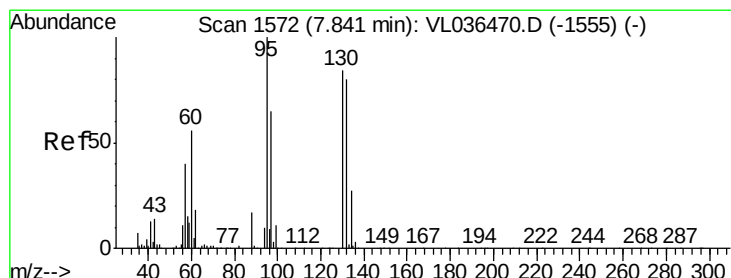
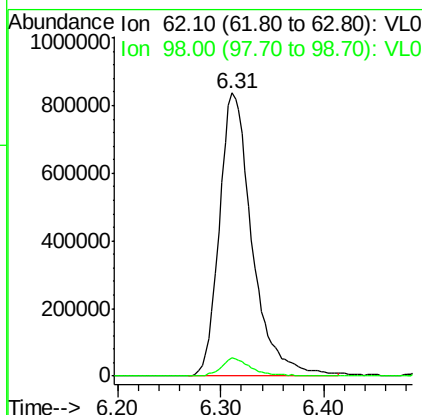
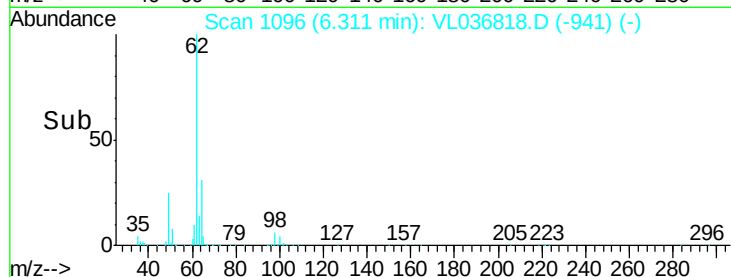
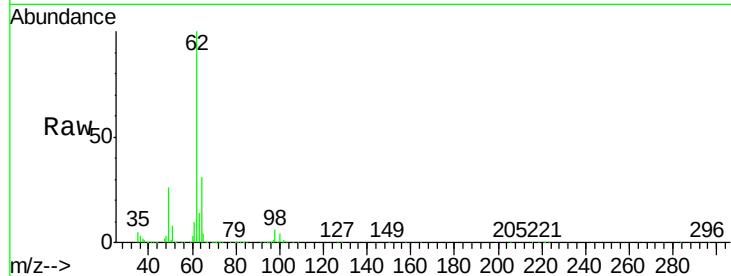


#37
 1,2-Dichloroethane
 Concen: 9.804 ppbv
 RT: 6.31
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDCCC010
 Acq: 20 Apr 2021 9:27

Tot Ion:
 Ion Ratio
 62 100
 98 6.

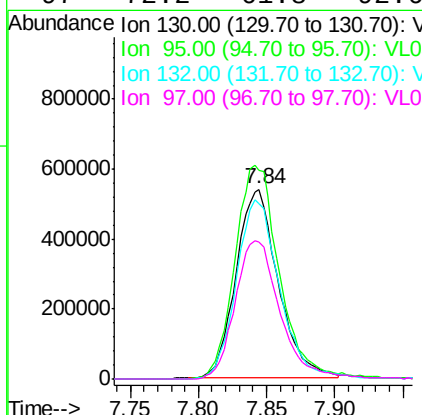
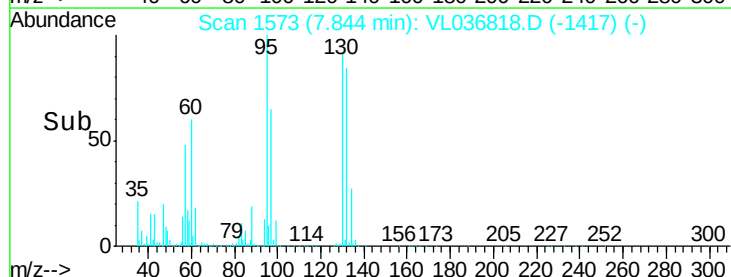
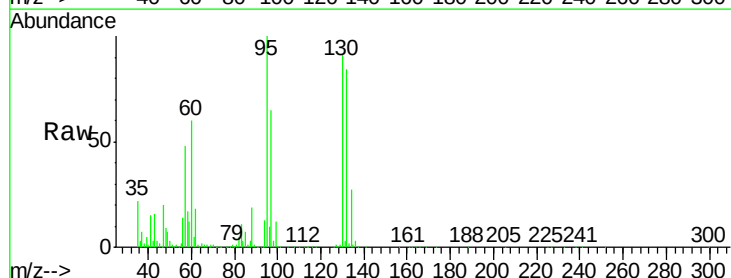
Manual Integrations
 APPROVED

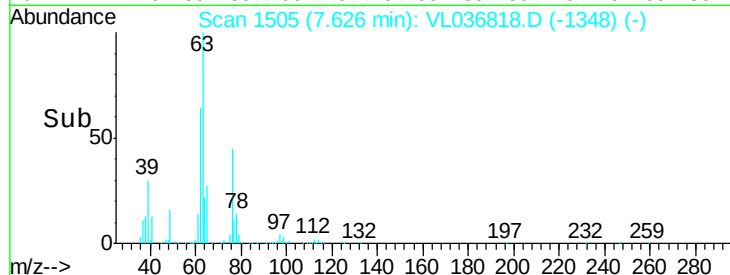
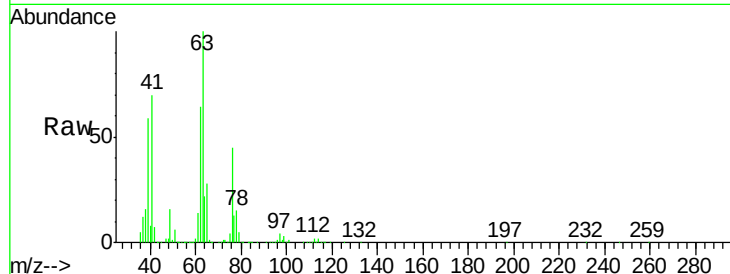
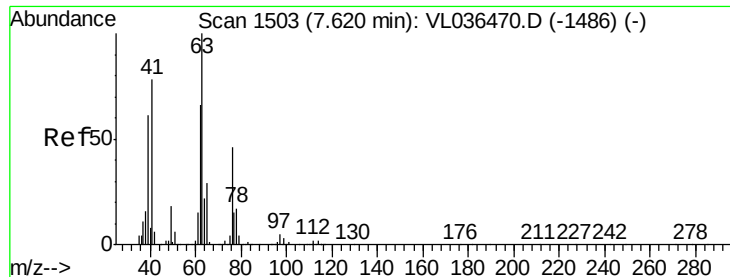
Reviewed By :Semsettin Yesilyurt 04/21/2021
 Supervised By :Mahesh Dadoda 04/21/2021



#38
 Trichloroethene
 Concen: 9.262 ppbv
 RT: 7.84 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: VL036818.D
 Acq: 20 Apr 2021 9:27

Tgt Ion:130 Resp: 1155332
 Ion Ratio Lower Upper
 130 100
 95 110.4 95.7 143.5
 132 92.9 76.2 114.4
 97 72.2 61.8 92.6



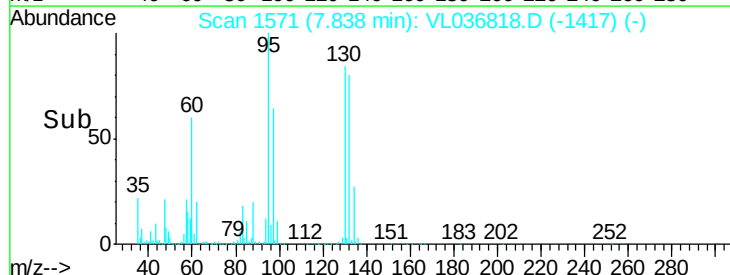
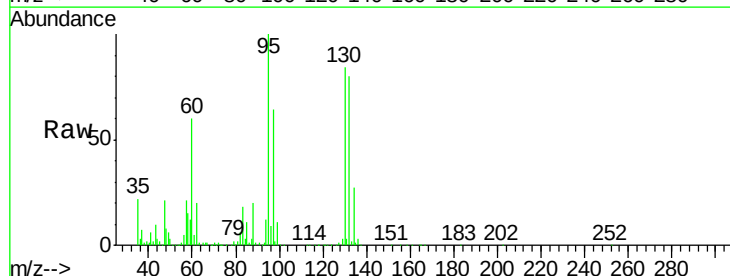
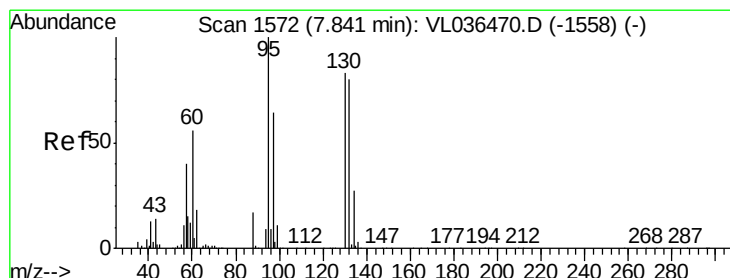
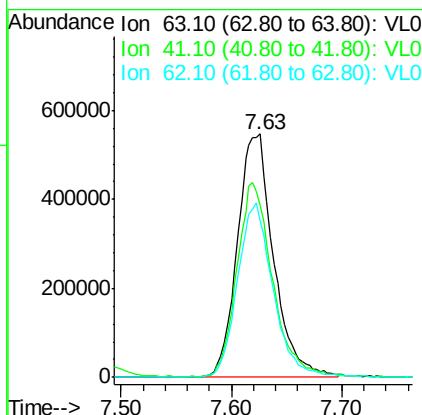


#39
 1,2-Dichloropropane
 Concen: 9.571 ppbv
 RT: 7.63
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 20 Apr 2021 9:27

Tot Ion:
 Ion Ratio
 63 100
 41 70.
 62 64.

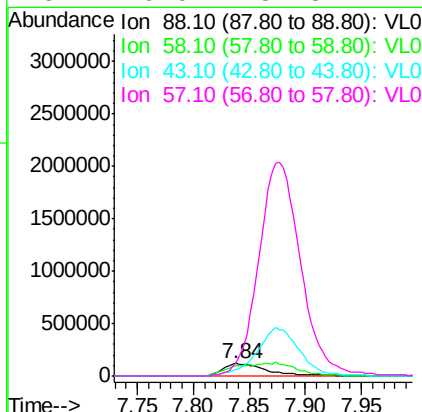
Manual Integrations
 APPROVED

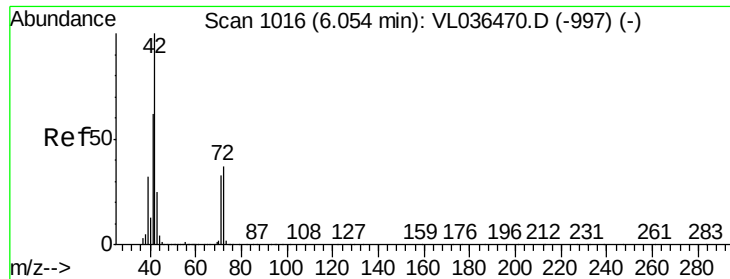
Reviewed By :Semsettin Yesilyurt 04/21/2021
 Supervised By :Mahesh Dadoda 04/21/2021



#40
 1,4-Dioxane
 Concen: 10.514 ppbv m
 RT: 7.84 min Scan# 1571
 Delta R.T. -0.00 min
 Lab File: VL036818.D
 Acq: 20 Apr 2021 9:27

Tgt Ion: 88 Resp: 318191
 Ion Ratio Lower Upper
 88 100
 58 0.0 134.1 201.1#
 43 0.0 346.6 520.0#
 57 0.0 1481.8 2222.8#



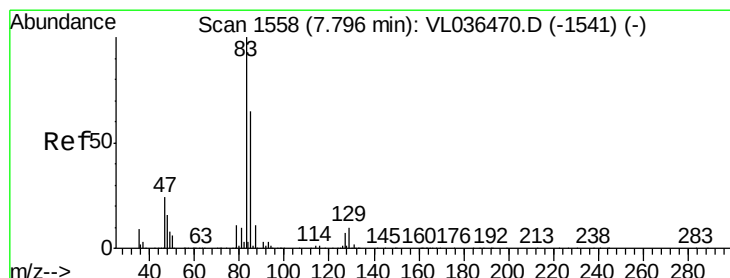
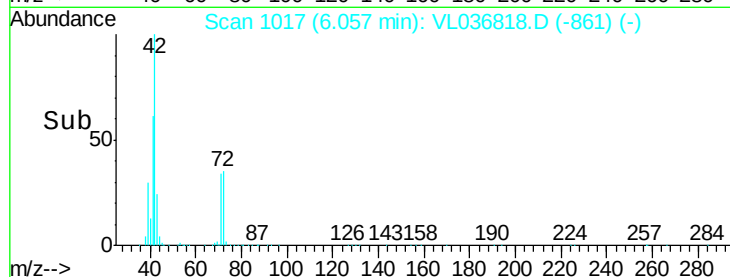
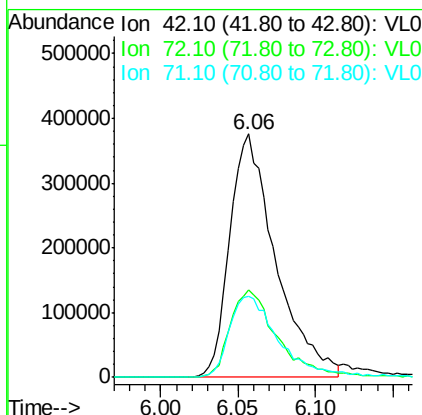
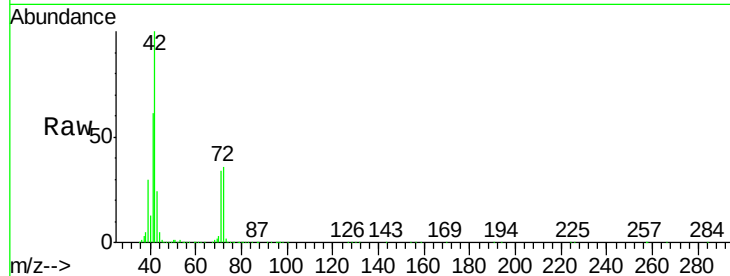


#41
Tetrahydrofuran
Concen: 9.845 ppbv
RT: 6.06
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 20 Apr 2021 9:27

Tot Ion:
Ion Ratio
42 100
72 38.
71 36.

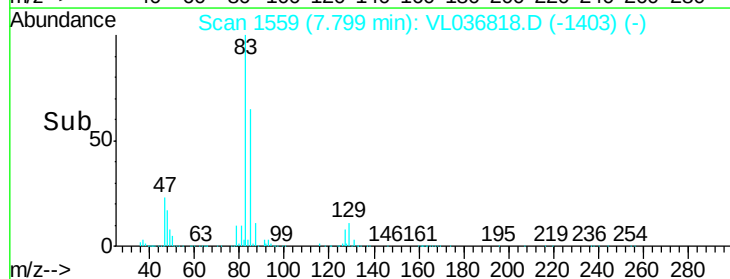
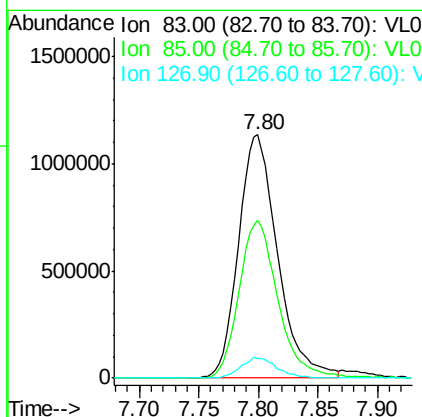
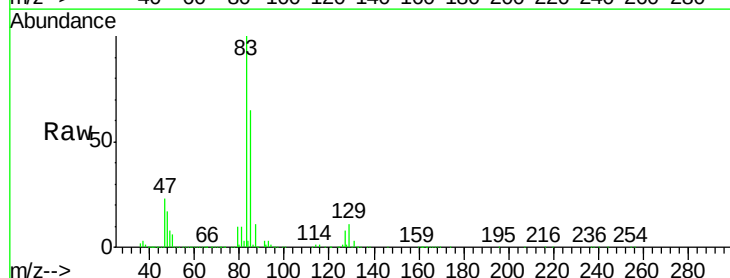
Manual Integrations
APPROVED

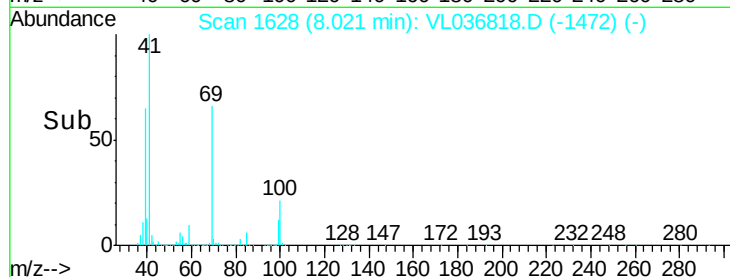
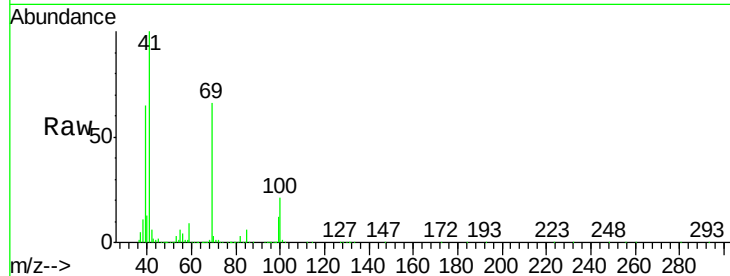
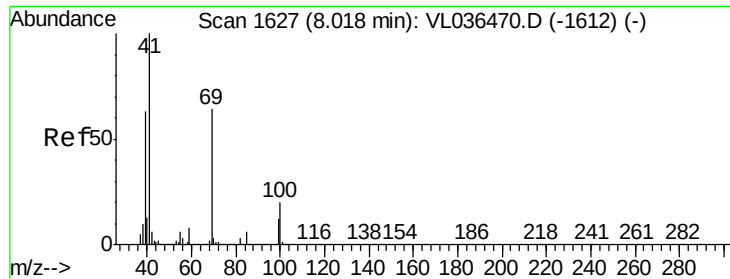
Reviewed By :Semsettin Yesilyurt 04/21/2021
Supervised By :Mahesh Dadoda 04/21/2021



#42
Bromodichloromethane
Concen: 10.078 ppbv
RT: 7.80 min Scan# 1559
Delta R.T.: 0.00 min
Lab File: VL036818.D
Acq: 20 Apr 2021 9:27

Tgt Ion: 83 Resp: 2586029
Ion Ratio Lower Upper
83 100
85 64.7 51.8 77.6
127 7.9 5.8 8.8





#43

Methyl Methacrylate

Concen: 10.716 ppbv

RT: 8.02

Instrument: MSVOA_1

Delta R.T.:

Lab File: ClientSampleId:

Acq: 20 Apr 2021 9:27

Tot Ion:

Ion Ratio

69 100

41 154.

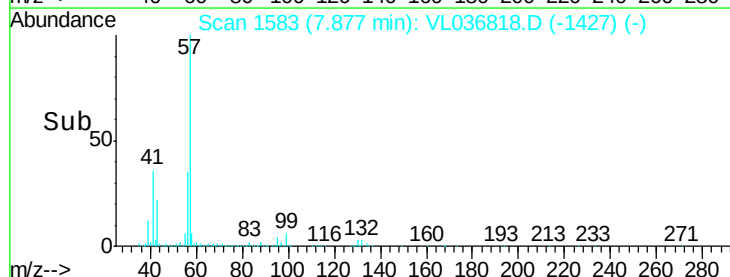
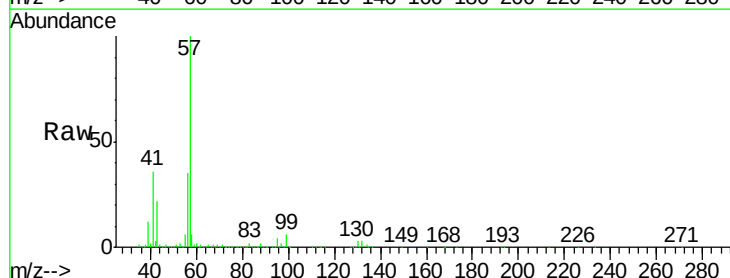
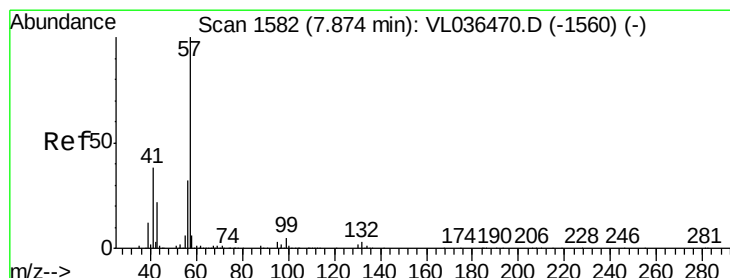
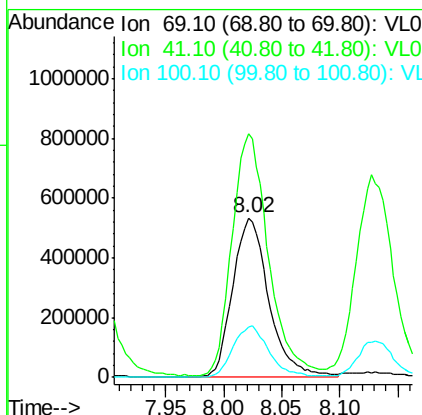
100 32.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/21/2021

Supervised By :Mahesh Dadoda 04/21/2021



#44

2,2,4-Trimethylpentane

Concen: 9.448 ppbv

RT: 7.88 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VL036818.D

Acq: 20 Apr 2021 9:27

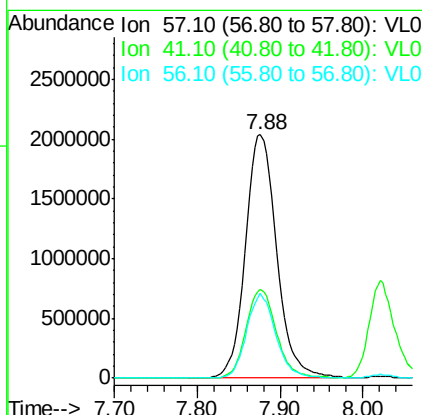
Tgt Ion: 57 Resp: 5329911

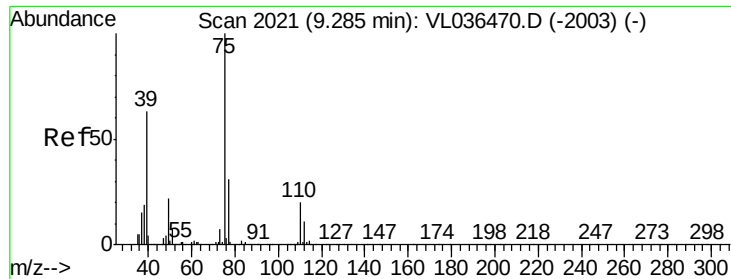
Ion Ratio Lower Upper

57 100

41 35.3 28.8 43.2

56 32.3 26.1 39.1





#45

t-1,3-Dichloropropene

Concen: 11.066 ppbv

RT: 9.28 Instrument: MSVOA_L

Delta R.T. 0.00 min

Lab File: ClientSampleId: VSTDCCC010

Acq: 20 Apr 2021 9:27

Tot Ion:

Ion Ratio

75 100

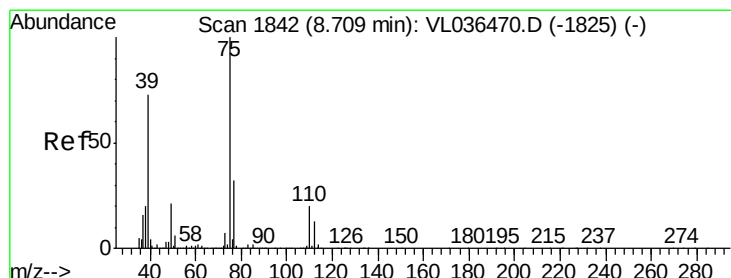
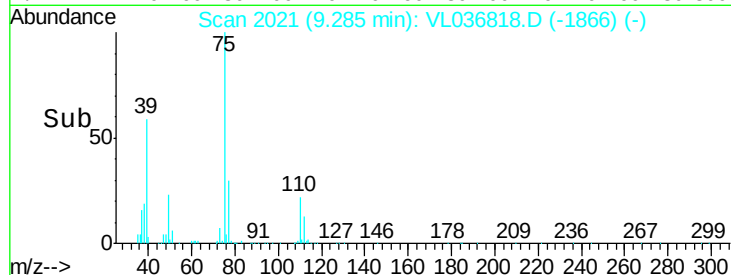
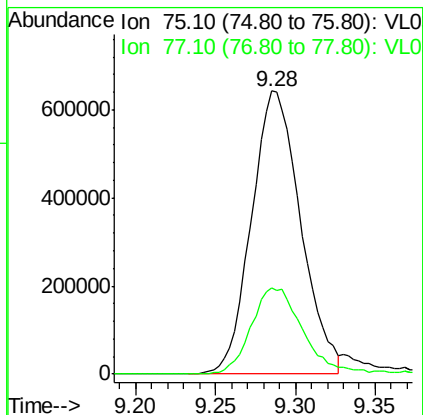
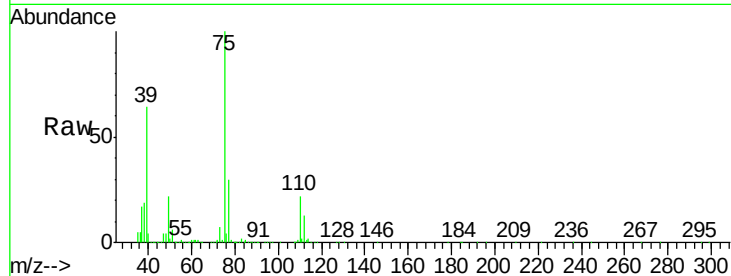
77 30.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/21/2021

Supervised By :Mahesh Dadoda 04/21/2021



#46

cis-1,3-Dichloropropene

Concen: 10.986 ppbv

RT: 8.71 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VL036818.D

Acq: 20 Apr 2021 9:27

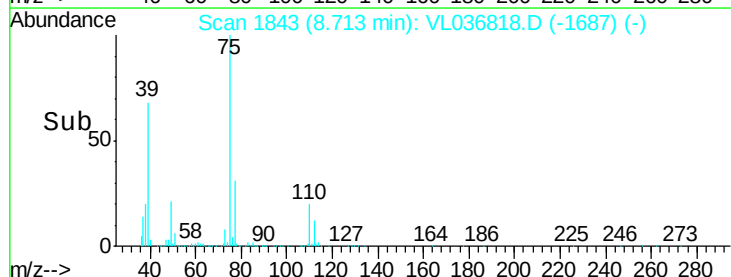
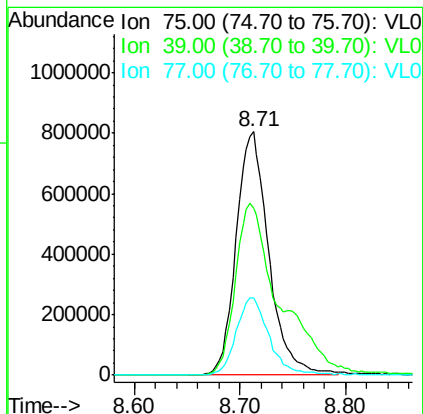
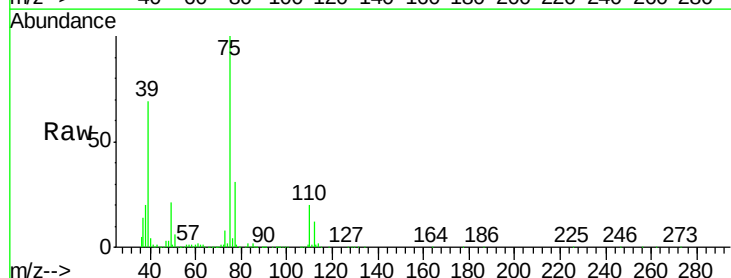
Tgt Ion: 75 Resp: 1726004

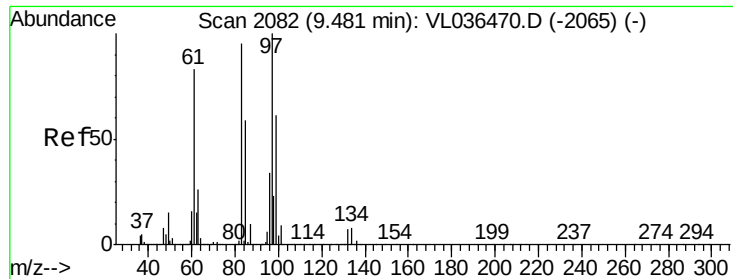
Ion Ratio Lower Upper

75 100

39 68.5 58.2 87.2

77 31.5 25.2 37.8



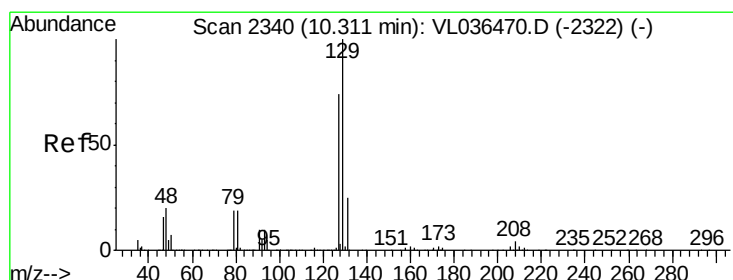
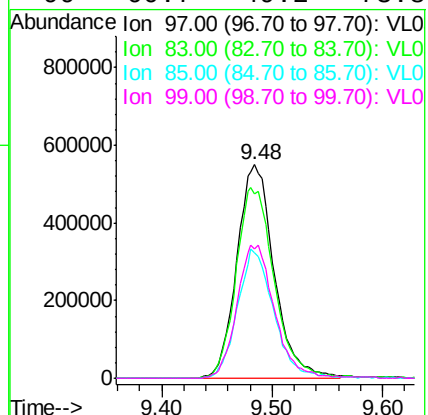
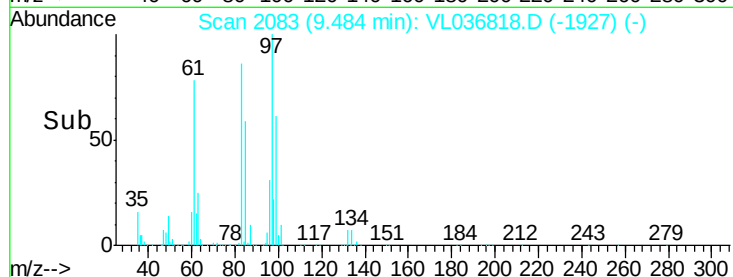
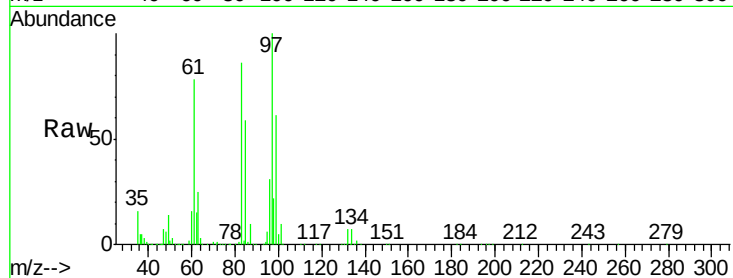


#47
 1,1,2-Trichloroethane
 Concen: 9.764 ppbv
 RT: 9.48 min
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 20 Apr 2021 9:27

Tot Ion:
 Ion Ratio
 97 100
 83 86.
 85 58.
 99 60.7 49.2 73.8

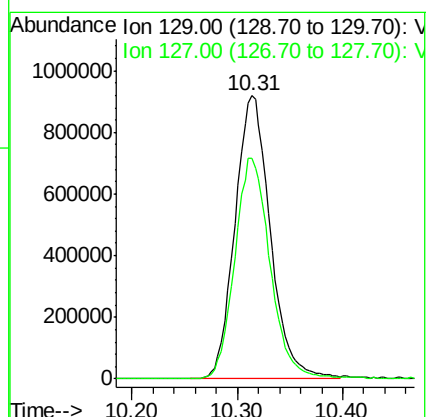
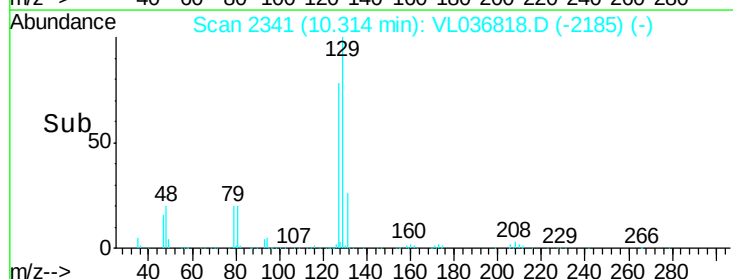
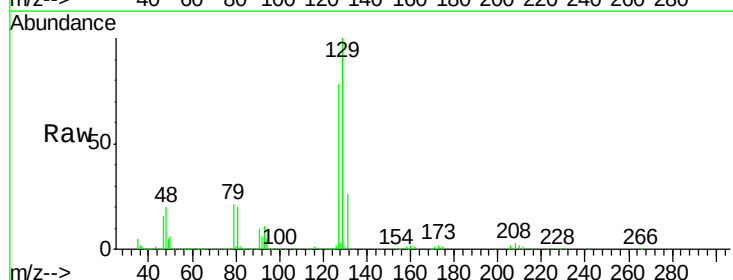
Manual Integrations
 APPROVED

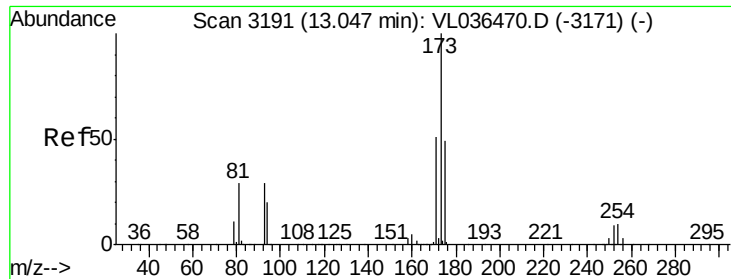
Reviewed By :Semsettin Yesilyurt 04/21/2021
 Supervised By :Mahesh Dadoda 04/21/2021



#48
 Dibromochloromethane
 Concen: 10.635 ppbv
 RT: 10.31 min Scan# 2341
 Delta R.T.: 0.00 min
 Lab File: VL036818.D
 Acq: 20 Apr 2021 9:27

Tgt Ion:129 Resp: 2135172
 Ion Ratio Lower Upper
 129 100
 127 78.8 39.6 118.8



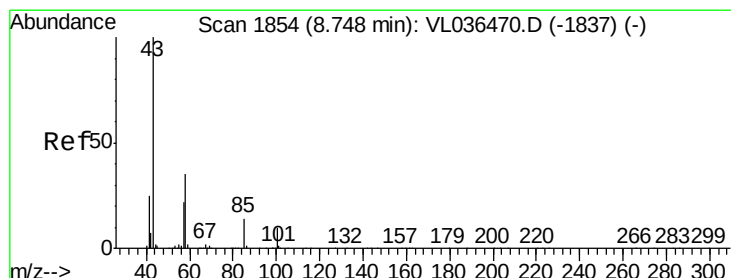
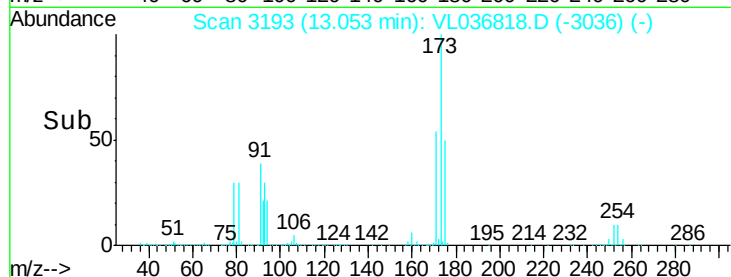
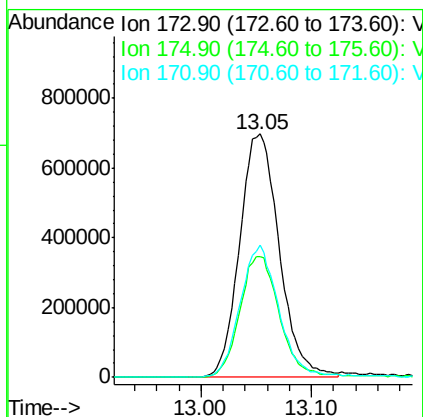
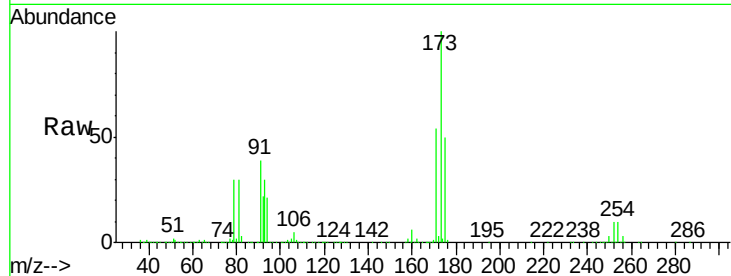


#49
Bromoform
Concen: 10.787 ppbv
RT: 13.05
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 20 Apr 2021 9:27

Tot Ion:1
Ion Rati
173 100
175 50.
171 53.

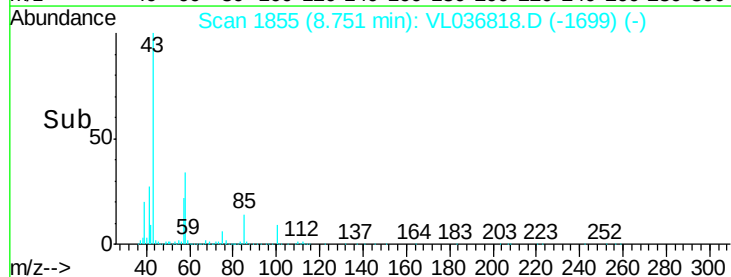
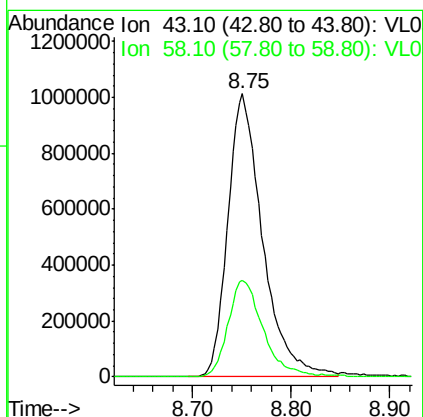
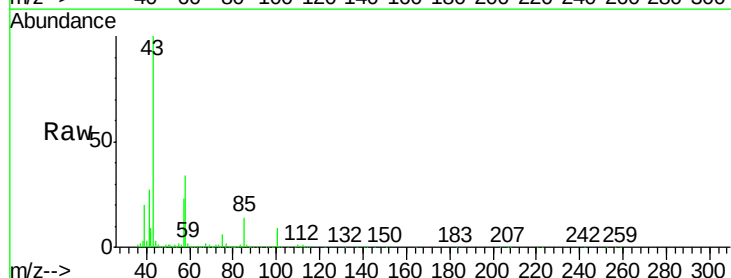
Manual Integrations
APPROVED

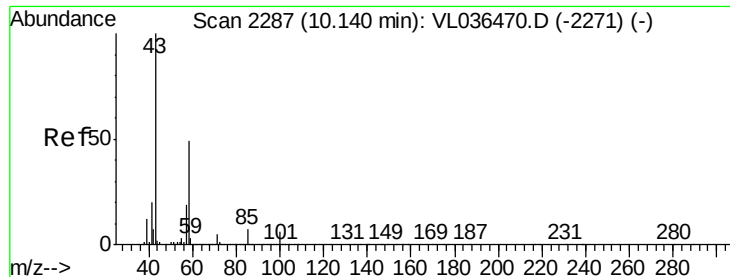
Reviewed By :Semsettin Yesilyurt 04/21/2021
Supervised By :Mahesh Dadoda 04/21/2021



#50
4-Methyl-2-Pentanone
Concen: 10.120 ppbv
RT: 8.75 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VL036818.D
Acq: 20 Apr 2021 9:27

Tgt Ion: 43 Resp: 2484304
Ion Ratio Lower Upper
43 100
58 35.0 28.2 42.2





#51

2-Hexanone

Concen: 10.569 ppbv

RT: 10.15

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 20 Apr 2021 9:27

Tot Ion:

Ion Ratio

43 100

58 48.

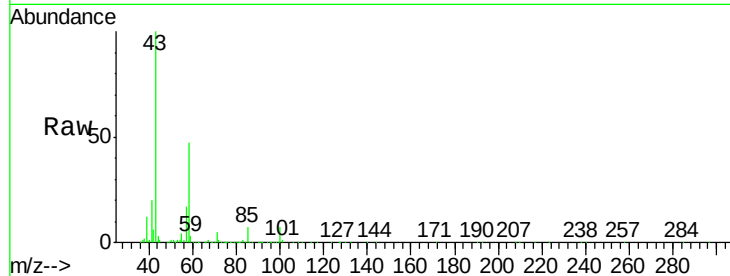
98 0.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/21/2021

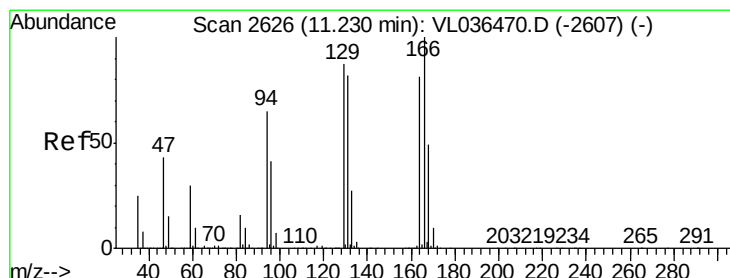
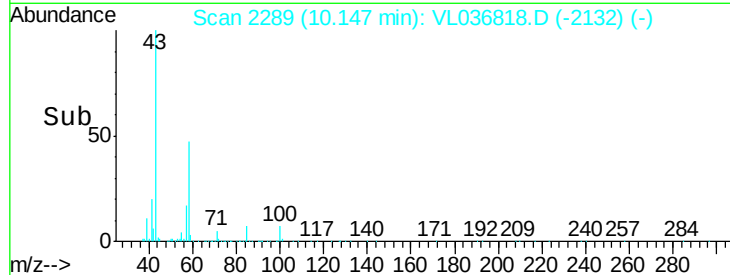
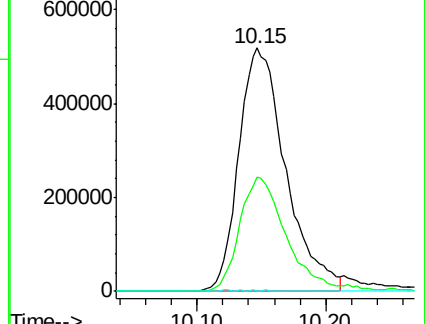
Supervised By :Mahesh Dadoda 04/21/2021



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

Ion 98.20 (97.90 to 98.90): VL0



#52

Tetrachloroethene

Concen: 9.333 ppbv

RT: 11.23 min Scan# 2626

Delta R.T. -0.00 min

Lab File: VL036818.D

Acq: 20 Apr 2021 9:27

Tgt Ion:164 Resp: 1101641

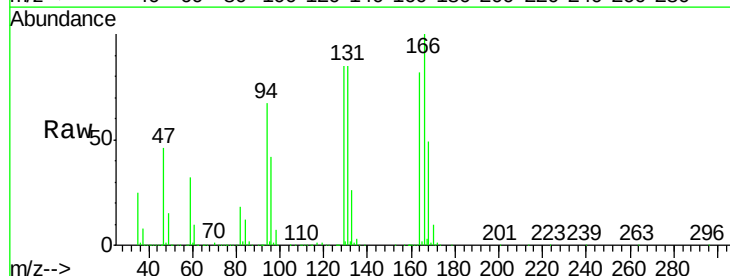
Ion Ratio Lower Upper

164 100

166 121.7 98.3 147.5

129 103.6 85.8 128.8

131 103.0 80.9 121.3

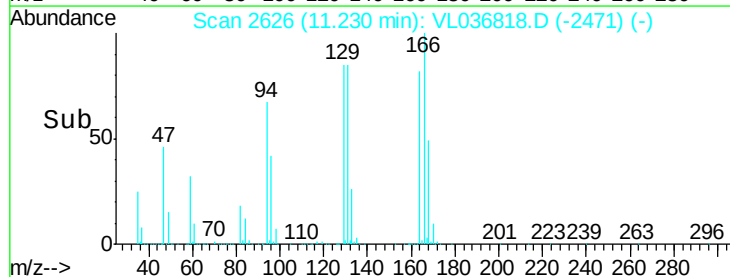
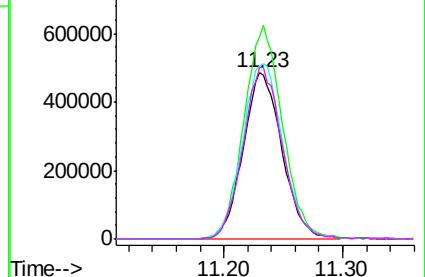


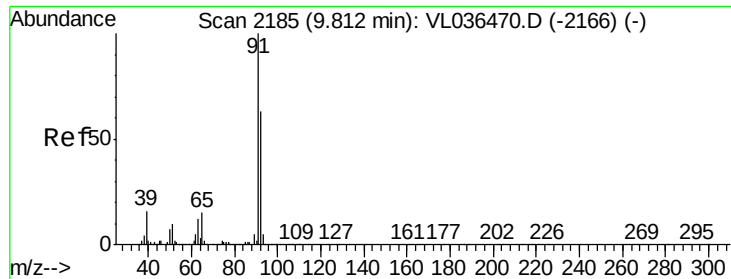
Abundance Ion 163.90 (163.60 to 164.60): V

Ion 165.90 (165.60 to 166.60): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V



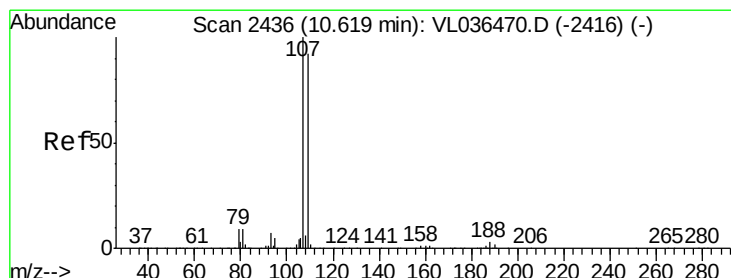
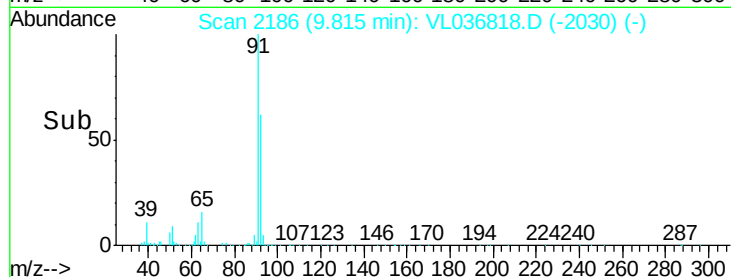
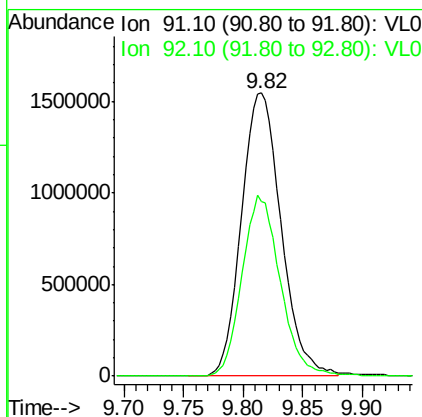
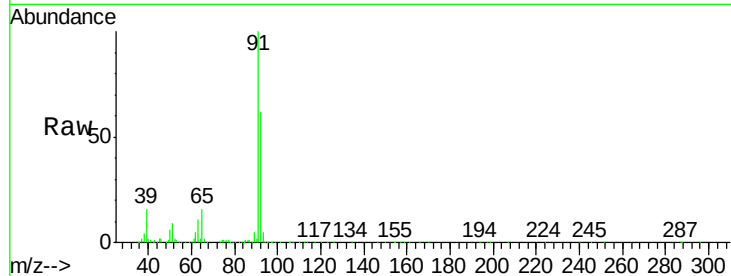


#53
Toluene
Concen: 10.470 ppbv
RT: 9.82
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 20 Apr 2021 9:27

Tot Ion:
Ion Ratio
91 100
92 61.

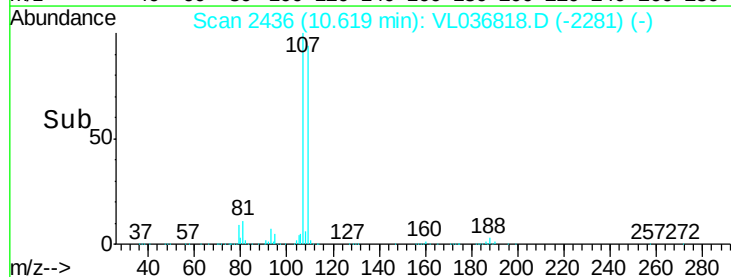
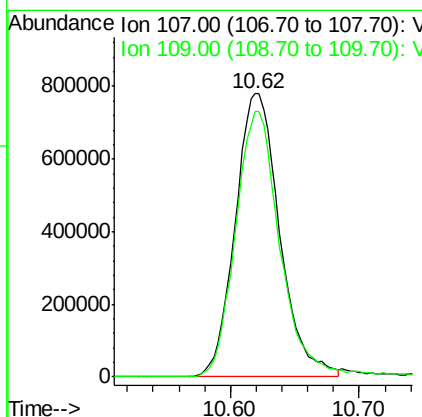
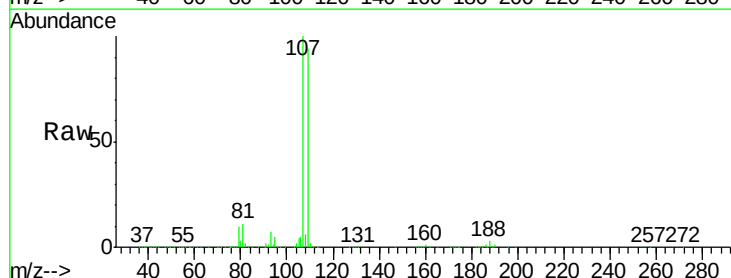
Manual Integrations
APPROVED

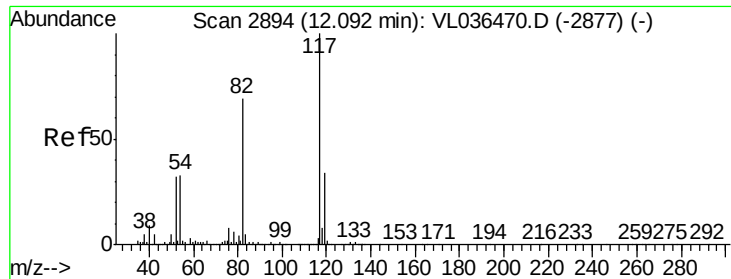
Reviewed By :Semsettin Yesilyurt 04/21/2021
Supervised By :Mahesh Dadoda 04/21/2021



#54
1,2-Dibromoethane
Concen: 10.019 ppbv
RT: 10.62 min Scan# 2436
Delta R.T. -0.00 min
Lab File: VL036818.D
Acq: 20 Apr 2021 9:27

Tgt Ion:107 Resp: 1863355
Ion Ratio Lower Upper
107 100
109 94.0 73.9 110.9



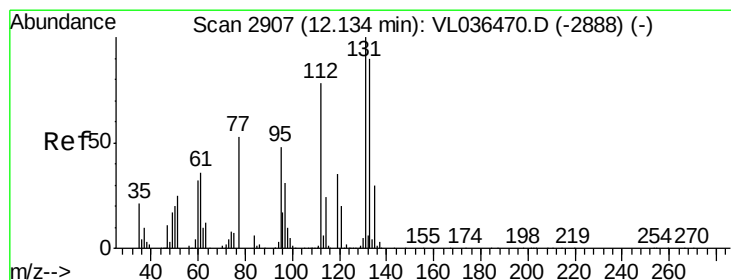
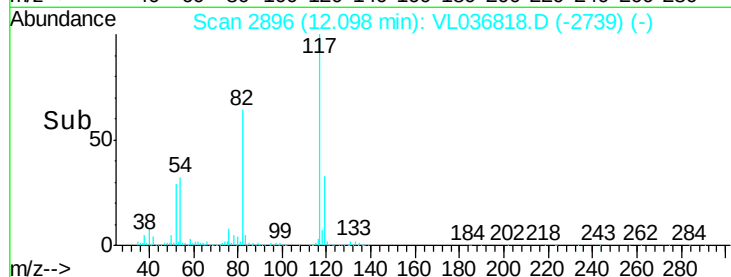
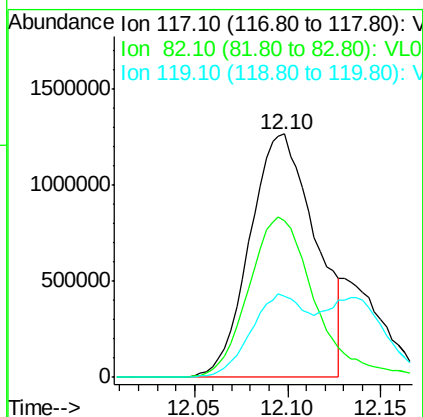
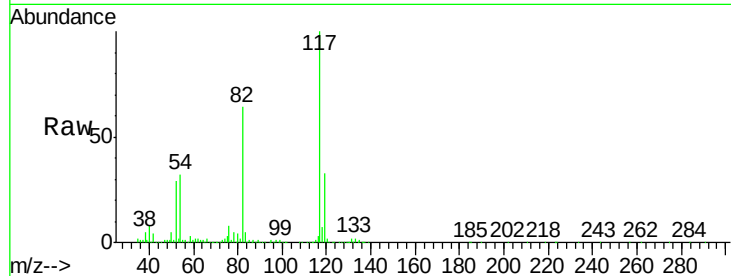


#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.10 min
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
Acq: 20 Apr 2021 9:27

Tot Ion:1
Ion Rati
117 100
82 67.
119 31.

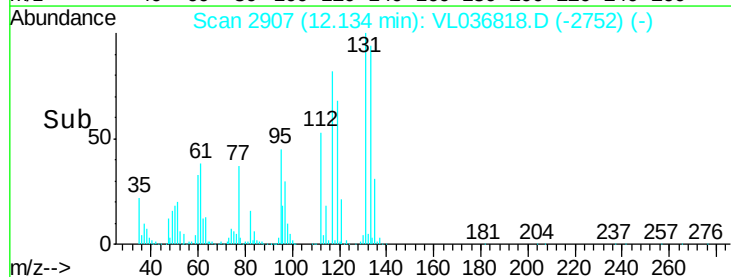
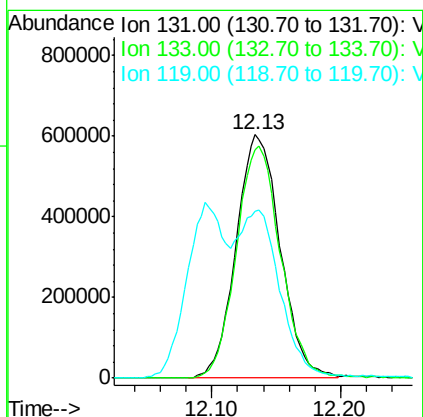
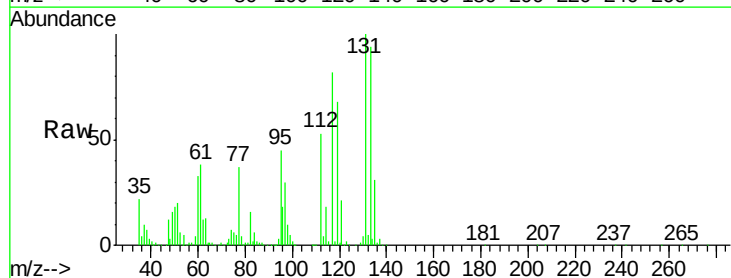
Manual Integrations
APPROVED

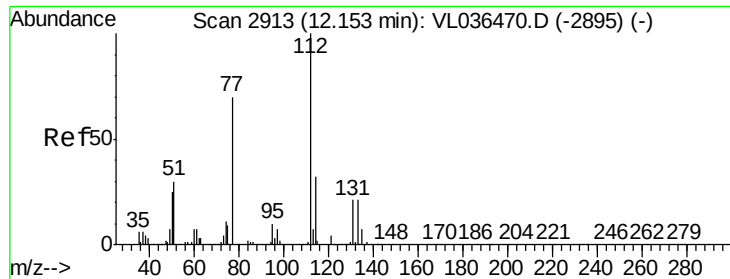
Reviewed By :Semsettin Yesilyurt 04/21/2021
Supervised By :Mahesh Dadoda 04/21/2021



#56
1,1,1,2-Tetrachloroethane
Concen: 10.219 ppbv
RT: 12.13 min Scan# 2907
Delta R.T. -0.00 min
Lab File: VL036818.D
Acq: 20 Apr 2021 9:27

Tgt Ion:131 Resp: 1430369
Ion Ratio Lower Upper
131 100
133 96.5 75.8 113.6
119 72.1 48.7 73.1



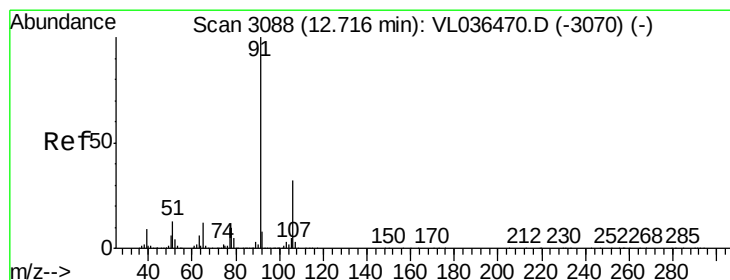
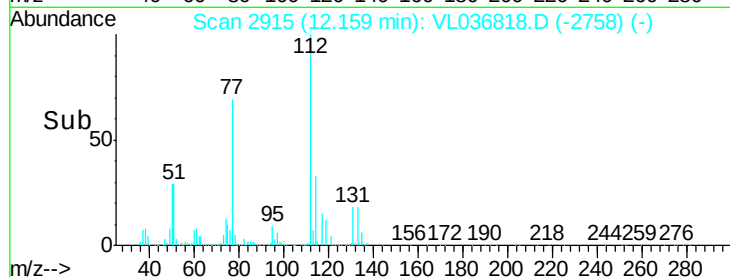
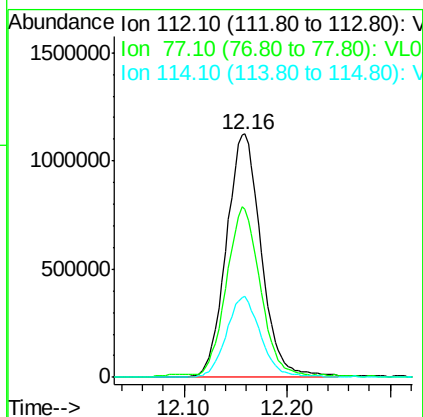
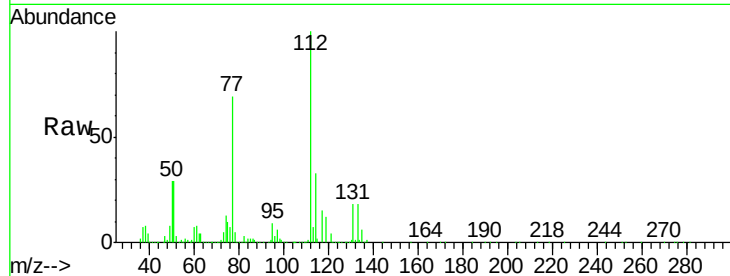


#57
Chlorobenzene
Concen: 10.036 ppbv
RT: 12.16 min
Instrument: MSVOA_L
Delta R.T.: 0.00 min
Lab File: ClientSampleId : VSTDCCC010
Acq: 20 Apr 2021 9:27

Tot Ion: 1
Ion Ratio
112 100
77 68.
114 32.

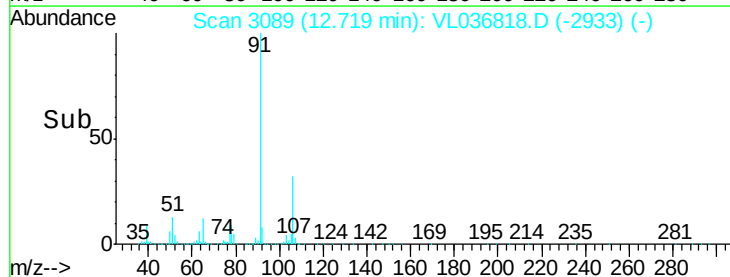
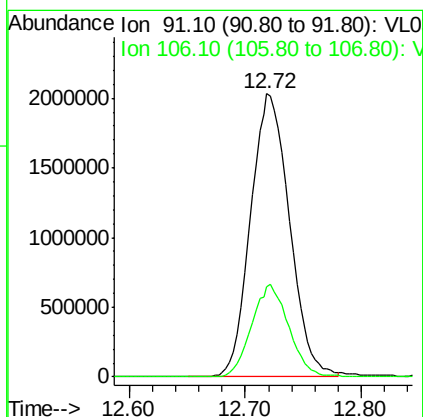
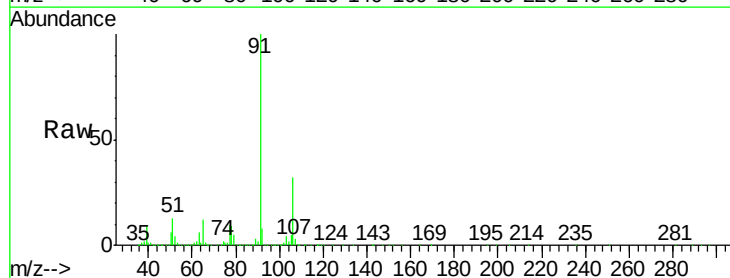
Manual Integrations
APPROVED

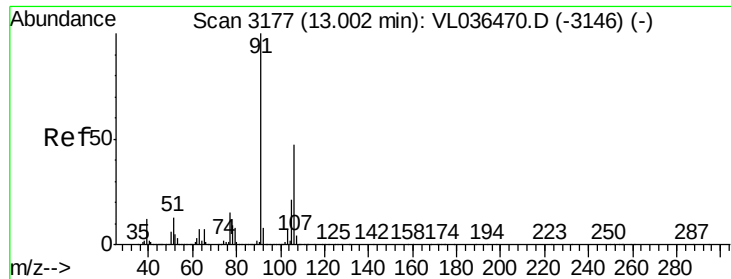
Reviewed By : Semsettin Yesilyurt 04/21/2021
Supervised By : Mahesh Dadoda 04/21/2021



#58
Ethyl Benzene
Concen: 10.542 ppbv
RT: 12.72 min Scan# 3089
Delta R.T.: 0.00 min
Lab File: VL036818.D
Acq: 20 Apr 2021 9:27

Tgt Ion: 91 Resp: 4746607
Ion Ratio Lower Upper
91 100
106 31.8 25.3 37.9



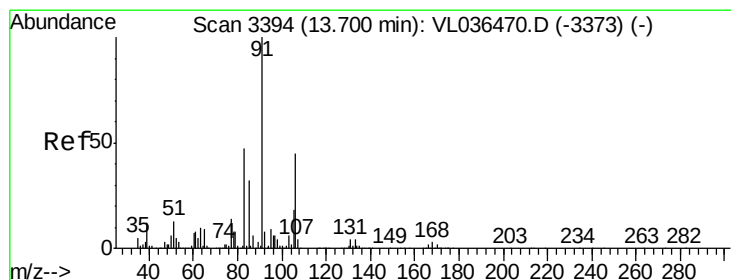
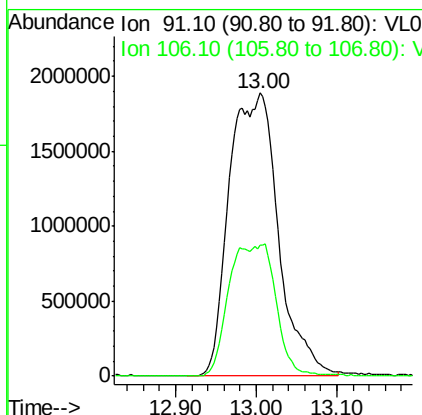
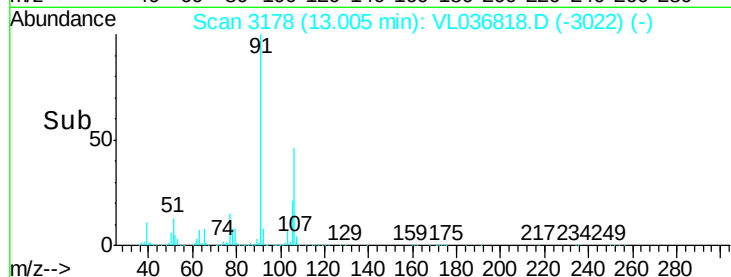
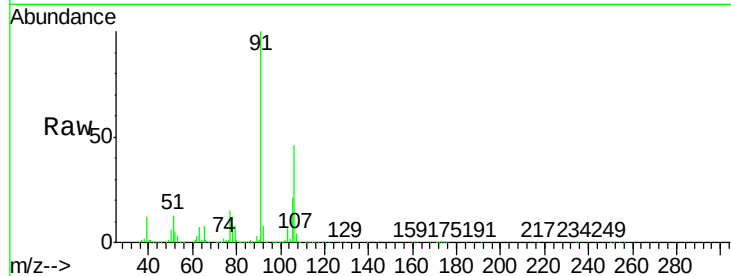


#59
m/p-Xylene
Concen: 20.532 ppbv m
RT: 13.00
Instrument : MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 20 Apr 2021 9:27

Tot Ion:
Ion Ratio
91 100
106 44.

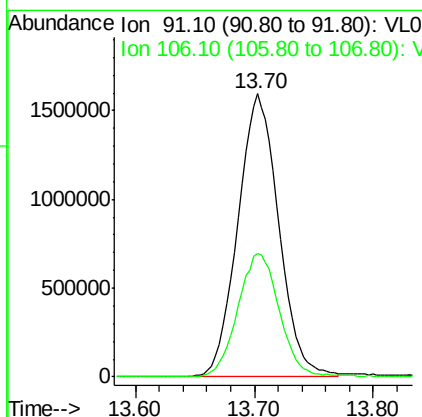
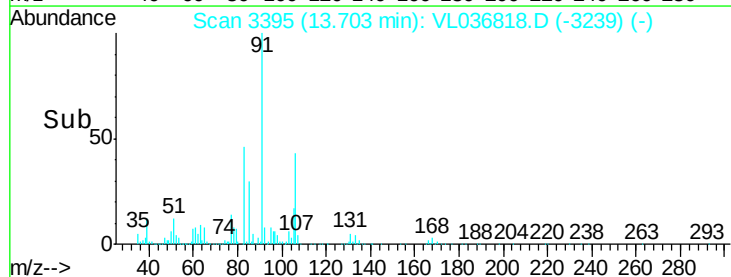
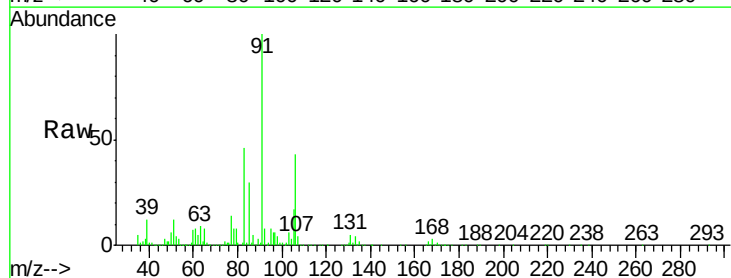
Manual Integrations
APPROVED

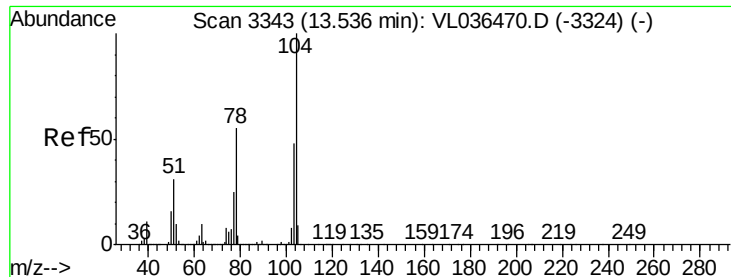
Reviewed By : Semsettin Yesilyurt 04/21/2021
Supervised By : Mahesh Dadoda 04/21/2021



#60
o-Xylene
Concen: 9.939 ppbv
RT: 13.70 min Scan# 3395
Delta R.T. 0.00 min
Lab File: VL036818.D
Acq: 20 Apr 2021 9:27

Tgt Ion: 91 Resp: 3773808
Ion Ratio Lower Upper
91 100
106 45.1 22.3 66.9



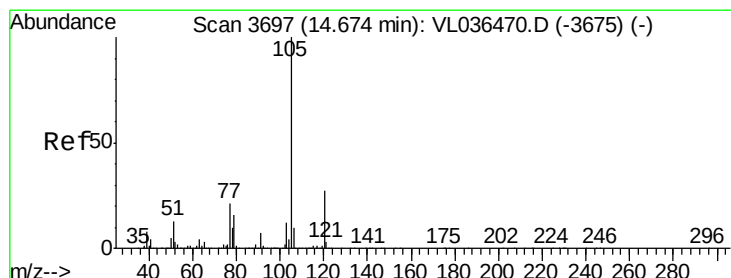
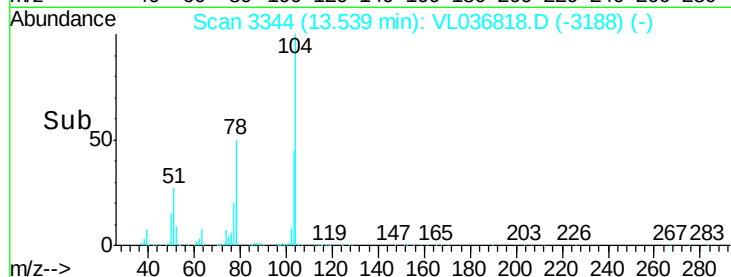
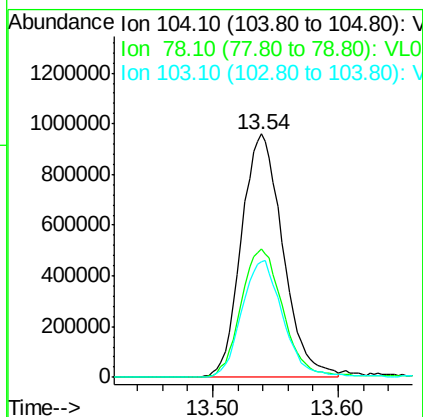
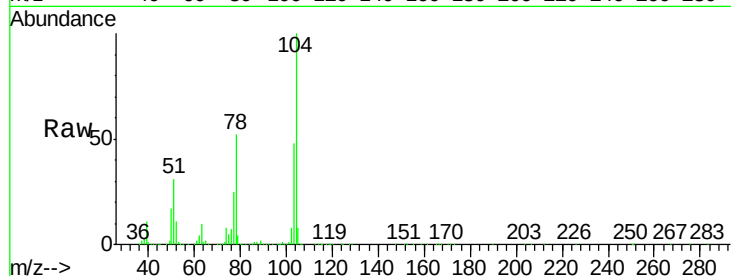


#61
Stvrene
Concen: 11.526 ppbv
RT: 13.54
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 20 Apr 2021 9:27

Tot Ion:1
Ion Rati
104 100
78 54.
103 48.

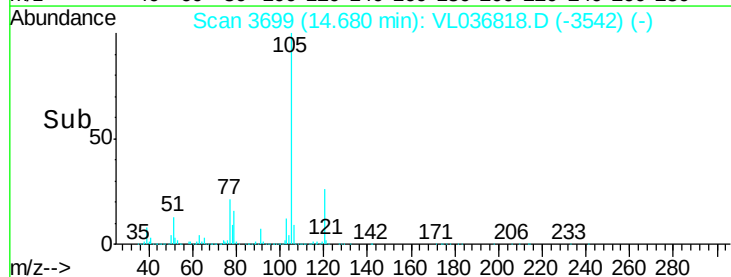
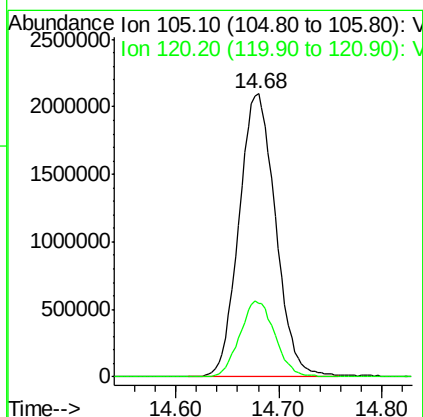
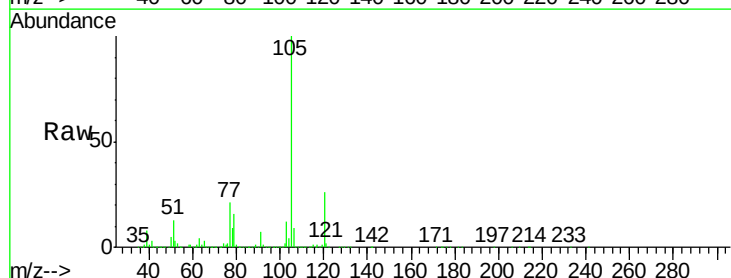
Manual Integrations
APPROVED

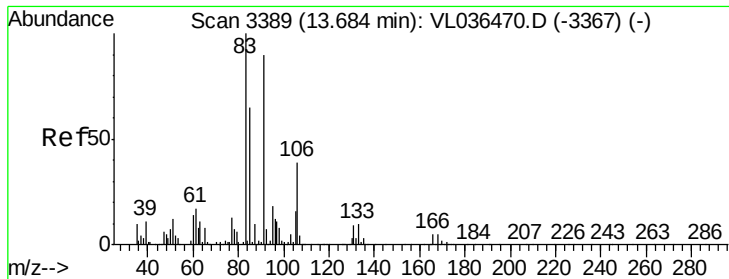
Reviewed By :Semsettin Yesilyurt 04/21/2021
Supervised By :Mahesh Dadoda 04/21/2021



#62
Isopropylbenzene
Concen: 10.113 ppbv
RT: 14.68 min Scan# 3699
Delta R.T. 0.01 min
Lab File: VL036818.D
Acq: 20 Apr 2021 9:27

Tgt Ion:105 Resp: 5171553
Ion Ratio Lower Upper
105 100
120 26.1 20.6 31.0





#63

1,1,2,2-Tetrachloroethane

Concen: 9.429 ppbv

RT: 13.69

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 20 Apr 2021 9:27

Tot Ion:

Ion Ratio

83 100

131 9.

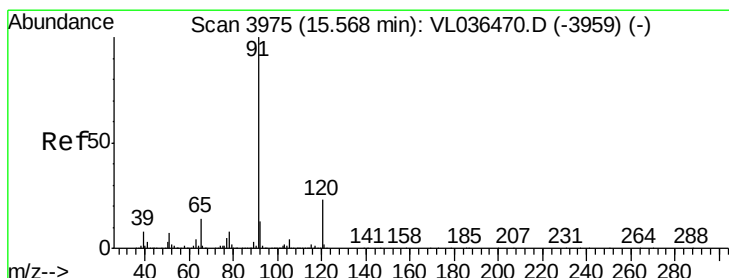
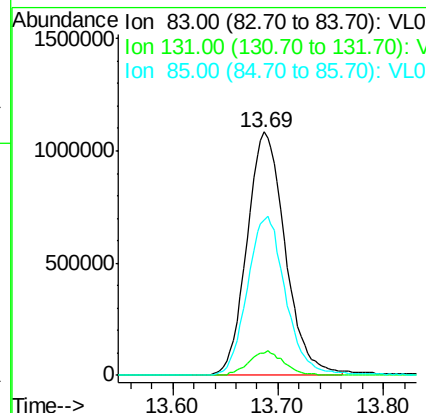
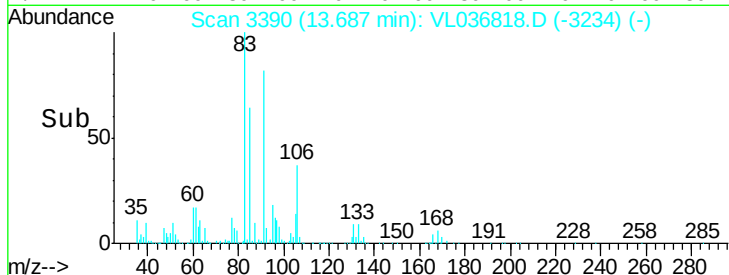
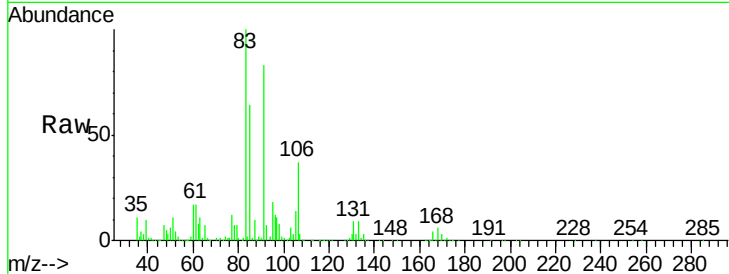
85 66.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/21/2021

Supervised By :Mahesh Dadoda 04/21/2021



#64

n-propylbenzene

Concen: 10.699 ppbv

RT: 15.57 min Scan# 3977

Delta R.T. 0.01 min

Lab File: VL036818.D

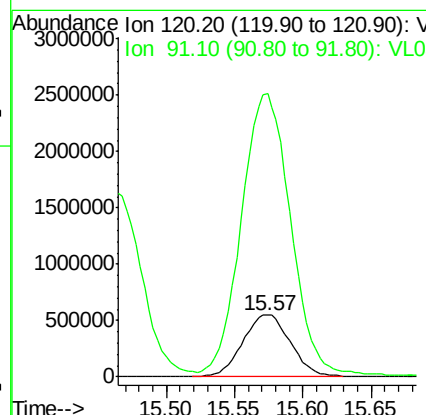
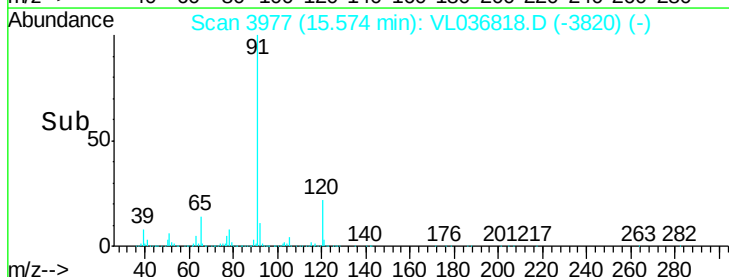
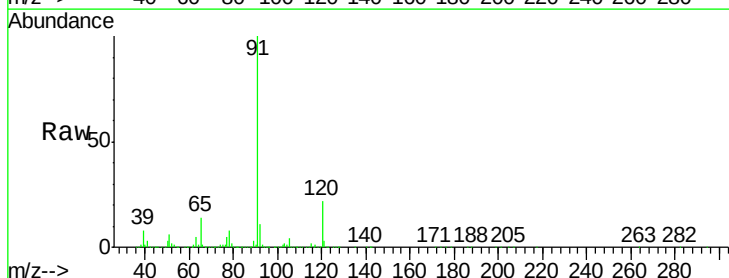
Acq: 20 Apr 2021 9:27

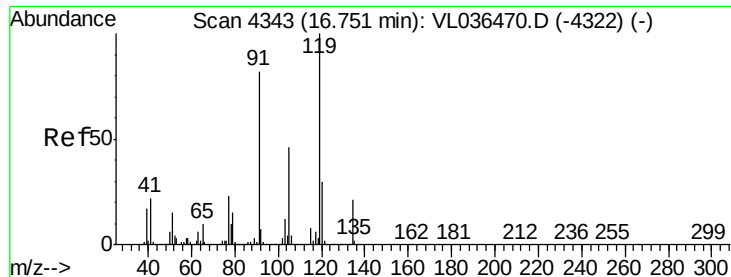
Tgt Ion:120 Resp: 1337633

Ion Ratio Lower Upper

120 100

91 476.1 377.4 566.2



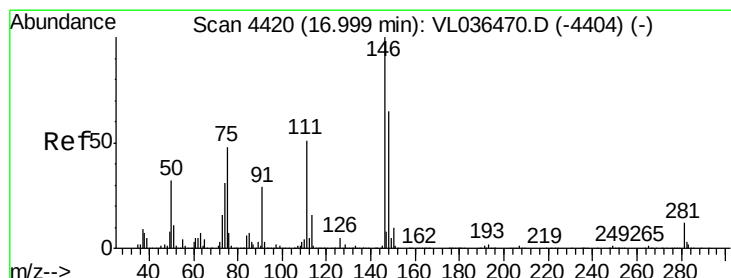
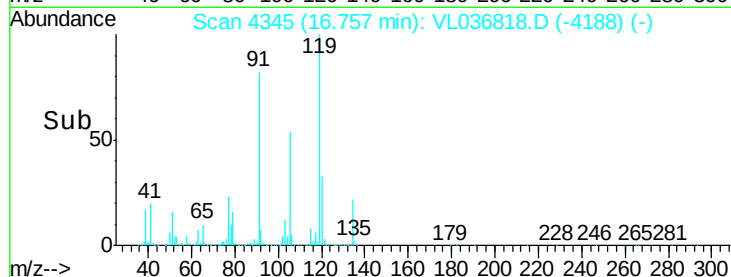
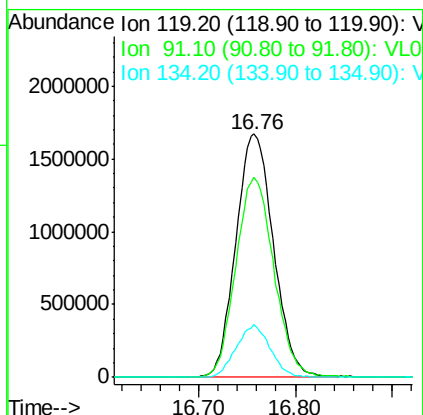
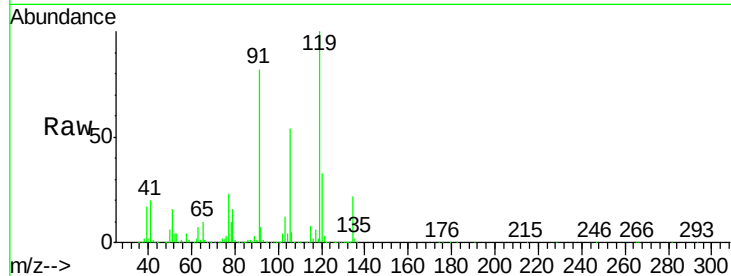


#65
tert-Butylbenzene
Concen: 10.193 ppbv
RT: 16.76 min
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
Acq: 20 Apr 2021 9:27

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

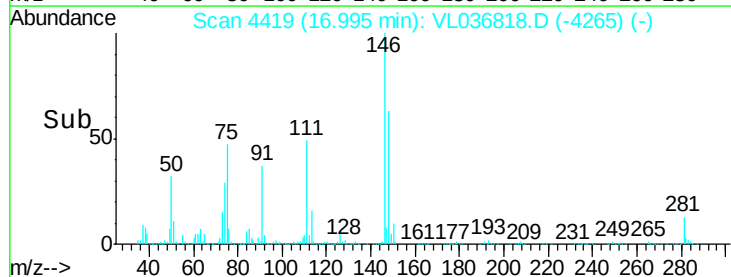
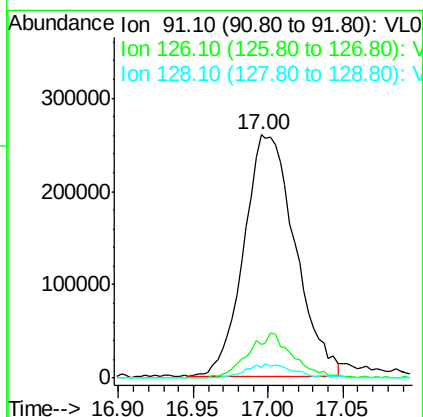
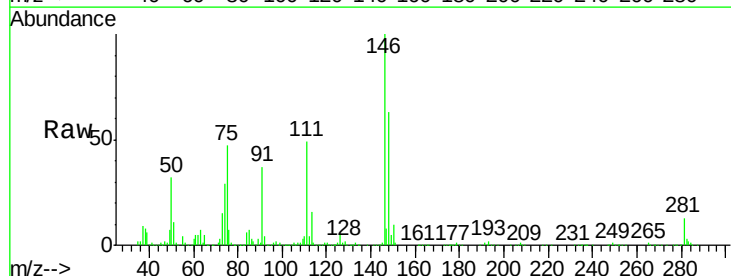
Manual Integrations
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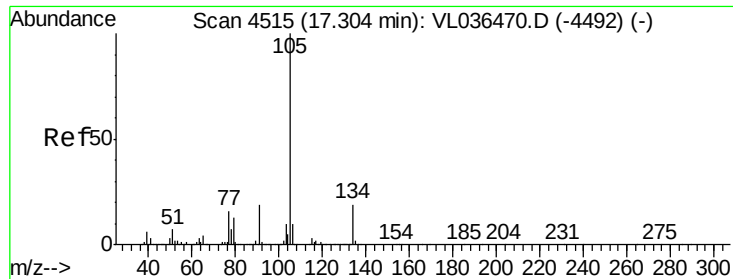
Reviewed By : Semsettin Yesilyurt 04/21/2021
Supervised By : Mahesh Dadoda 04/21/2021



#66
Benzyl Chloride
Concen: 12.512 ppbv
RT: 17.00 min Scan# 4419
Delta R.T.: -0.00 min
Lab File: VL036818.D
Acq: 20 Apr 2021 9:27

Tgt Ion: 91 Resp: 613233
Ion Ratio Lower Upper
91 100
126 17.0 13.5 20.3
128 5.8 4.2 6.4





#67

sec-Butylbenzene

Concen: 10.090 ppbv

RT: 17.31

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 20 Apr 2021 9:27

Tot Ion:1

Ion Ratio

105 100

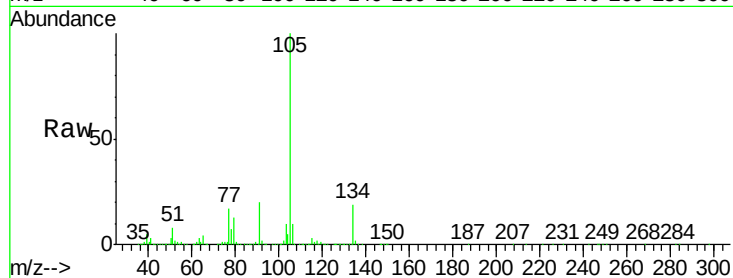
134 18.

Manual Integrations

APPROVED

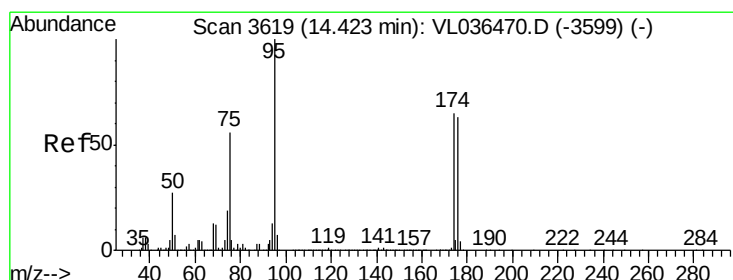
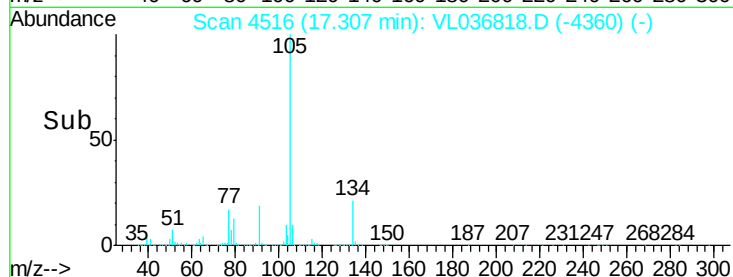
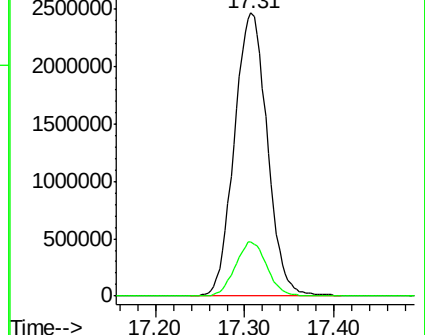
Reviewed By :Semsettin Yesilyurt 04/21/2021

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: 9.364 ppbv

RT: 14.43 min Scan# 3620

Delta R.T. 0.00 min

Lab File: VL036818.D

Acq: 20 Apr 2021 9:27

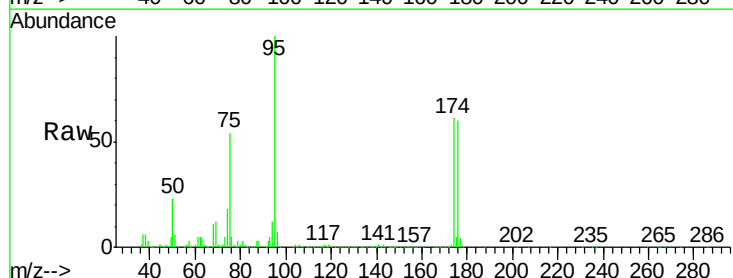
Tgt Ion: 95 Resp: 2309577

Ion Ratio Lower Upper

95 100

174 64.7 51.0 76.6

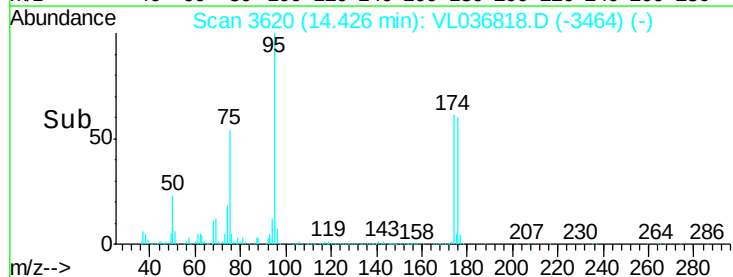
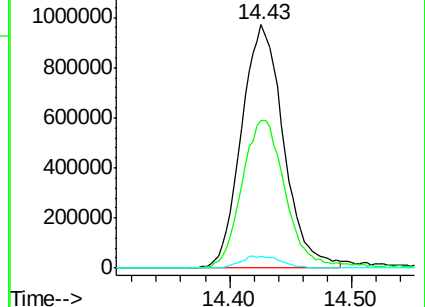
175 5.1 3.9 5.9

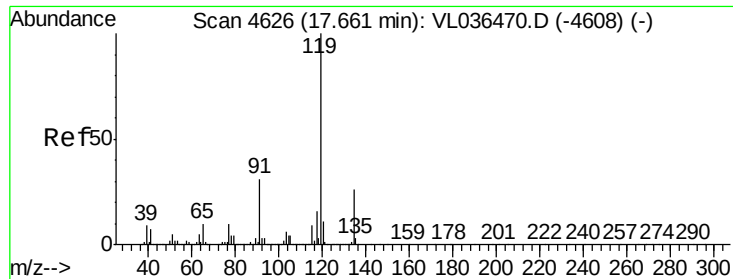


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V



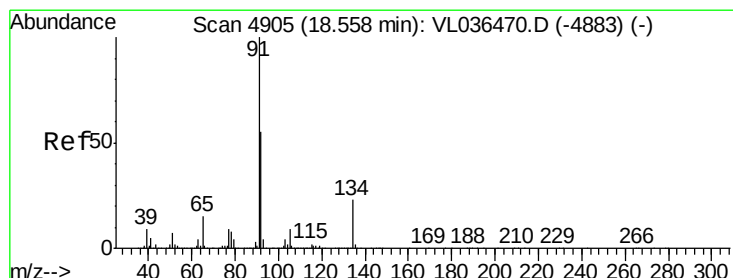
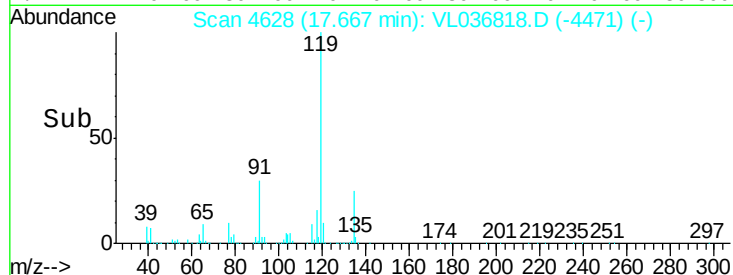
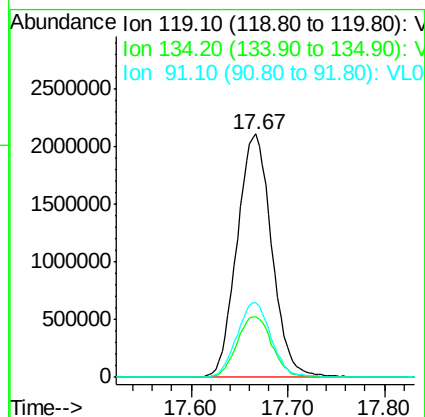
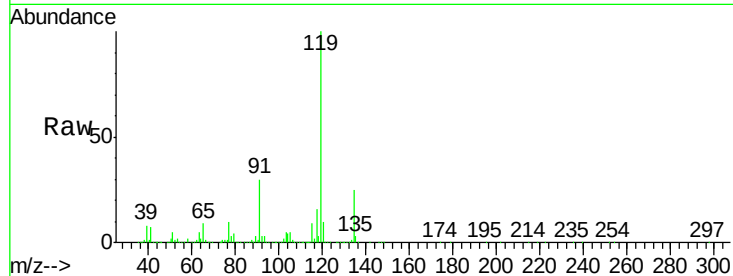


#69
 p-Isopropyltoluene
 Concen: 10.765 ppbv
 RT: 17.67 min
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId :
 Acq: 20 Apr 2021 9:27

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

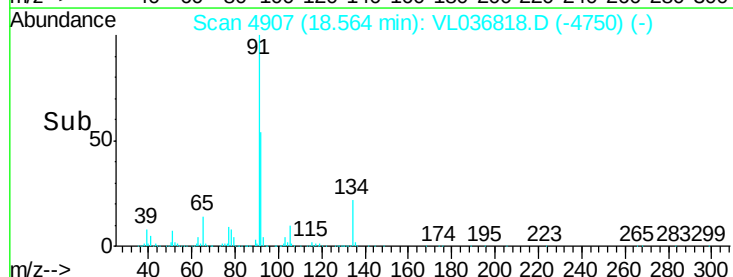
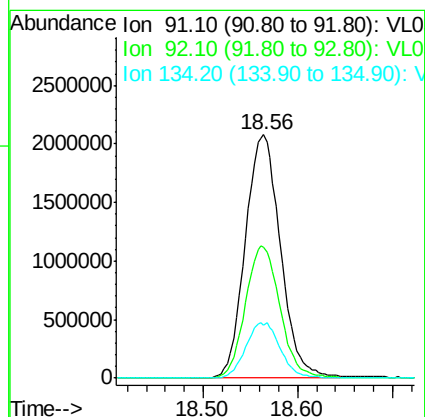
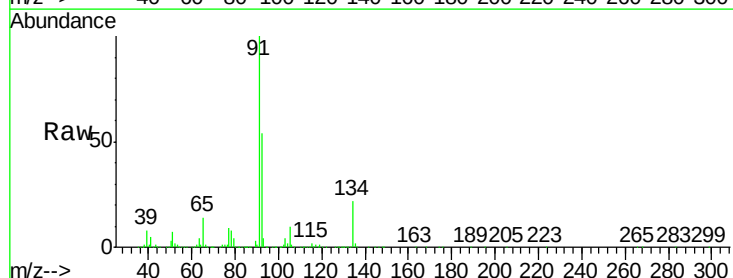
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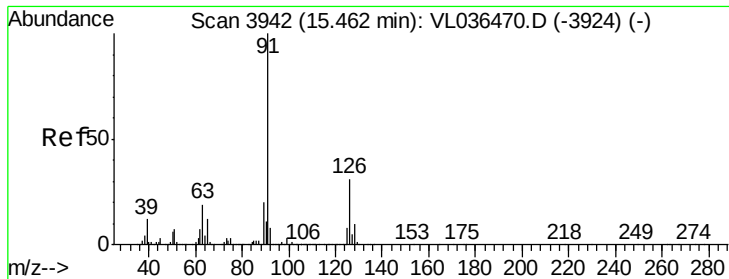
Reviewed By : Semsettin Yesilyurt 04/21/2021
 Supervised By : Mahesh Dadoda 04/21/2021



#70
 n-Butylbenzene
 Concen: 10.584 ppbv
 RT: 18.56 min Scan# 4907
 Delta R.T.: 0.01 min
 Lab File: VL036818.D
 Acq: 20 Apr 2021 9:27

Tgt Ion: 91 Resp: 5363824
 Ion Ratio Lower Upper
 91 100
 92 54.0 43.8 65.8
 134 22.5 18.0 27.0



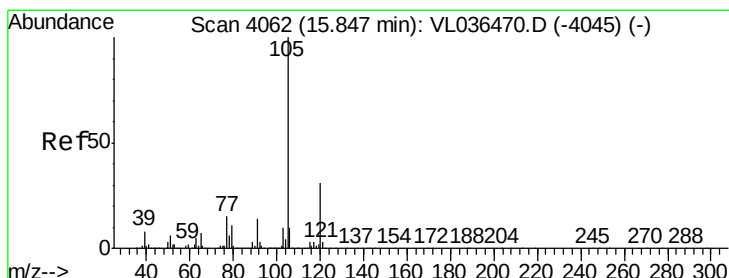
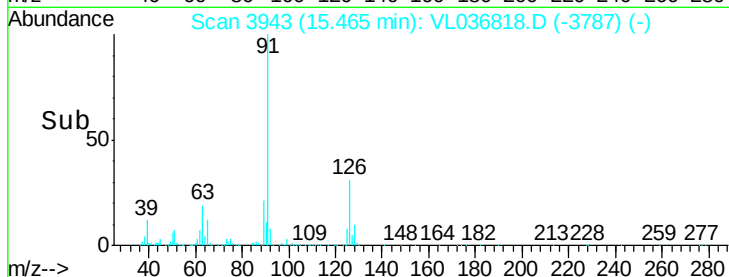
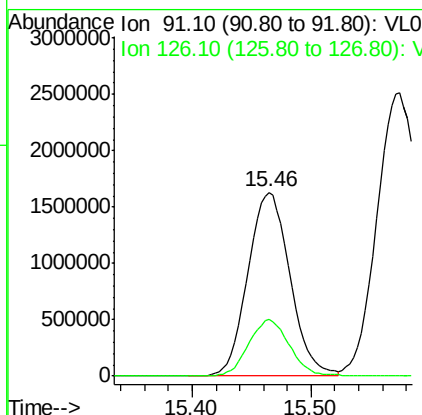
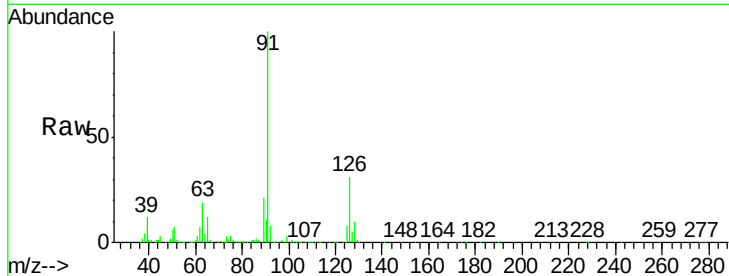


#71
 2-Chlorotoluene
 Concen: 10.414 ppbv
 RT: 15.46 min
 Delta R.T.: 0.00 min
 Lab File: VSTDCCC010
 Acq: 20 Apr 2021 9:27

Tot Ion:
 Ion Ratio
 91 100
 126 30.

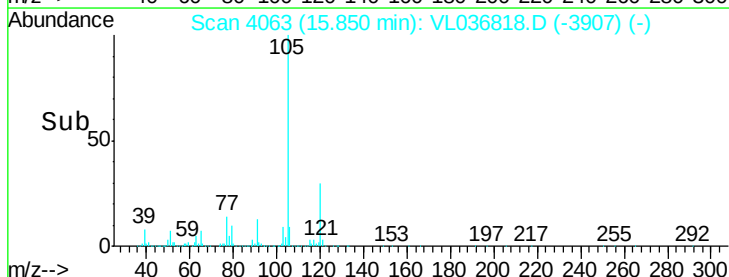
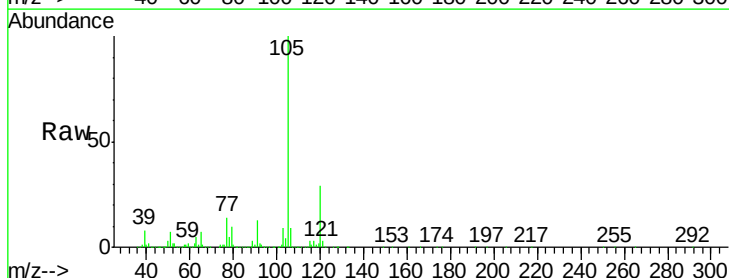
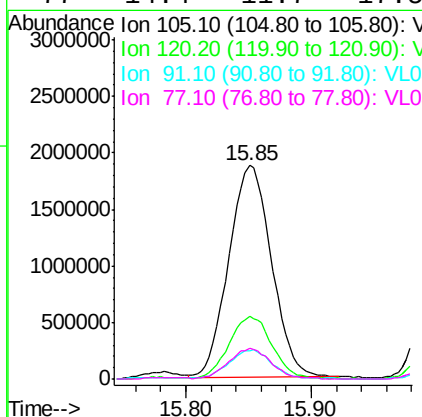
Manual Integrations
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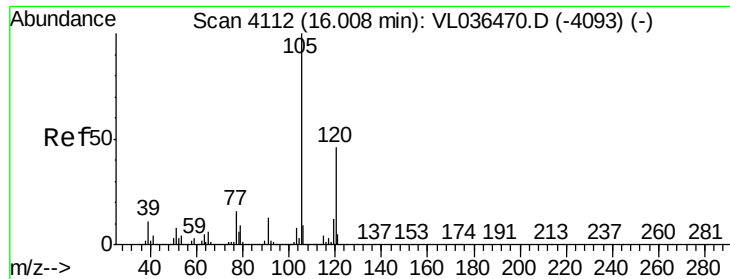
Reviewed By :Semsettin Yesilyurt 04/21/2021
 Supervised By :Mahesh Dadoda 04/21/2021



#72
 4-Ethyltoluene
 Concen: 10.734 ppbv
 RT: 15.85 min Scan# 4063
 Delta R.T.: 0.00 min
 Lab File: VL036818.D
 Acq: 20 Apr 2021 9:27

Tgt Ion:105 Resp: 4466358
 Ion Ratio Lower Upper
 105 100
 120 29.9 24.0 36.0
 91 13.3 11.0 16.4
 77 14.4 11.7 17.5





#73

1,3,5-Trimethylbenzene

Concen: 10.511 ppbv

RT: 16.01 min

Delta R.T. 0.01 min

Lab File: VL036470.D

Acq: 20 Apr 2021 9:27

Tot Ion: 1

Ion Ratio

105 100

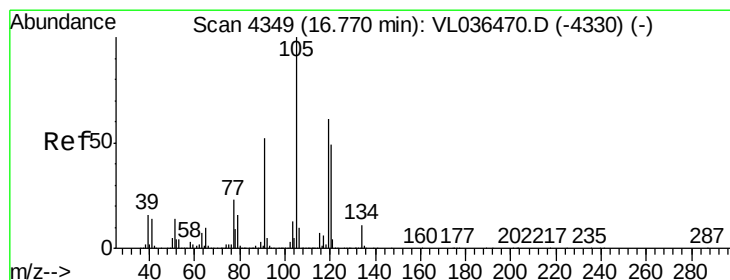
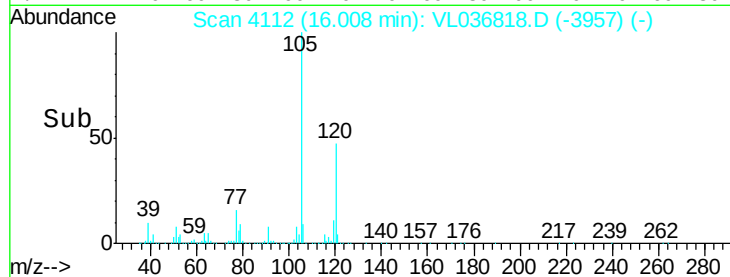
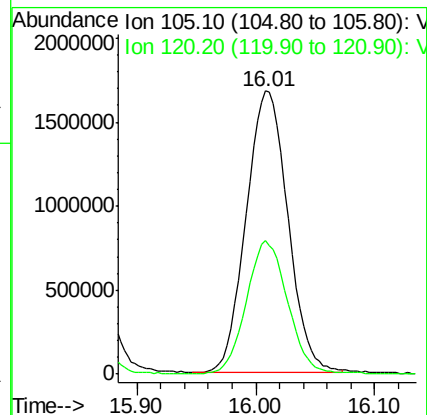
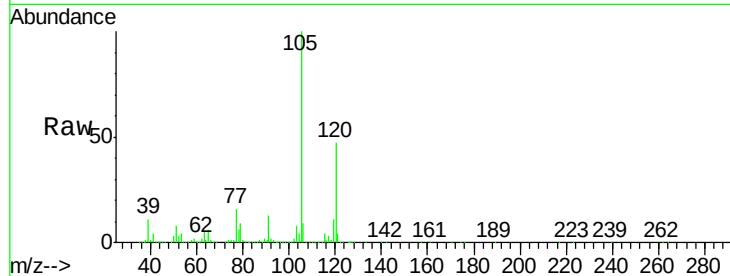
120 47.

Manual Integrations

APPROVED

Reviewed By : Semsettin Yesilyurt 04/21/2021

Supervised By : Mahesh Dadoda 04/21/2021



#74

1,2,4-Trimethylbenzene

Concen: 10.112 ppbv

RT: 16.78 min Scan# 4351

Delta R.T. 0.01 min

Lab File: VL036818.D

Acq: 20 Apr 2021 9:27

Tgt Ion: 105 Resp: 4202356

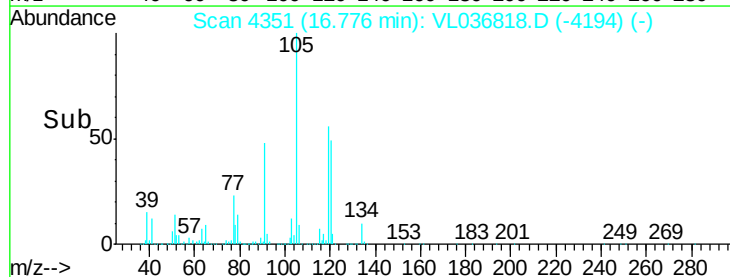
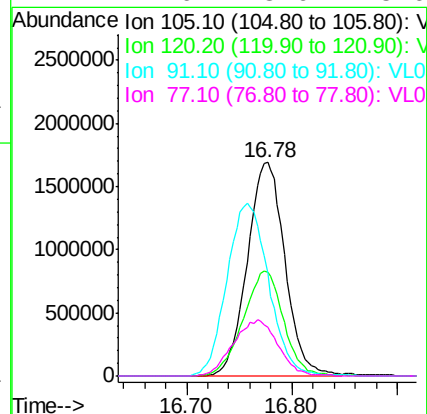
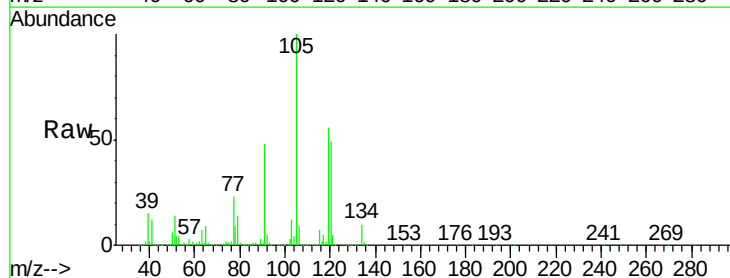
Ion Ratio Lower Upper

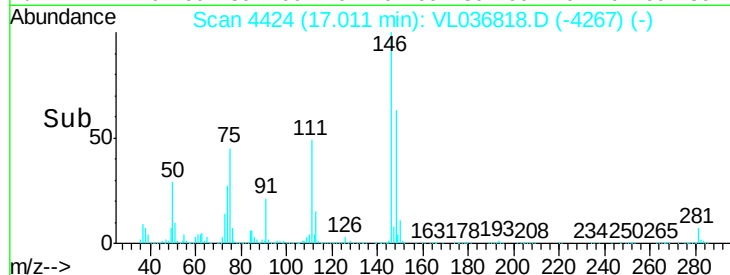
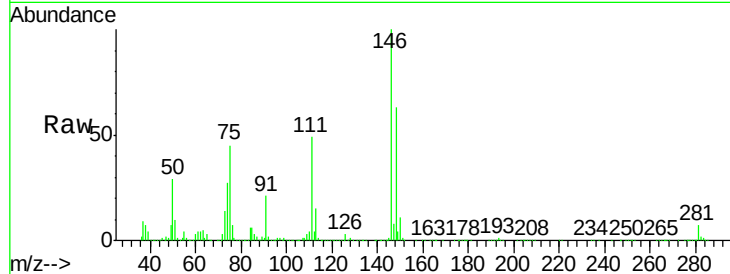
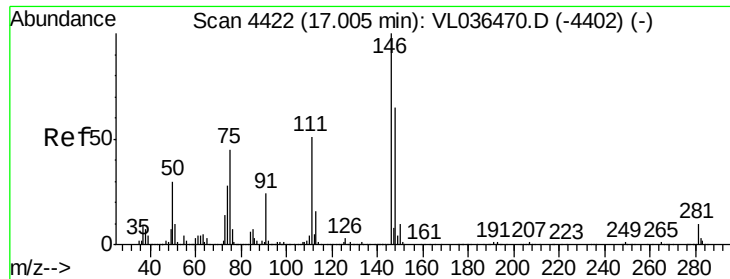
105 100

120 48.7 39.2 58.8

91 47.6 42.6 64.0

77 22.6 18.6 28.0



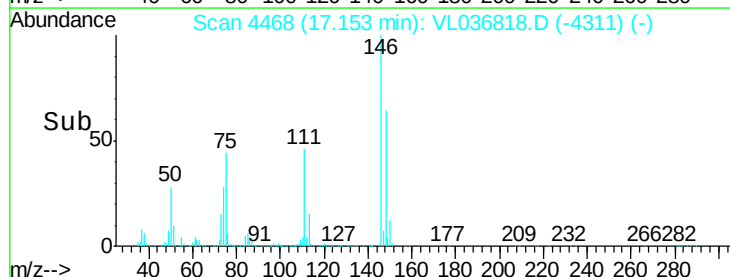
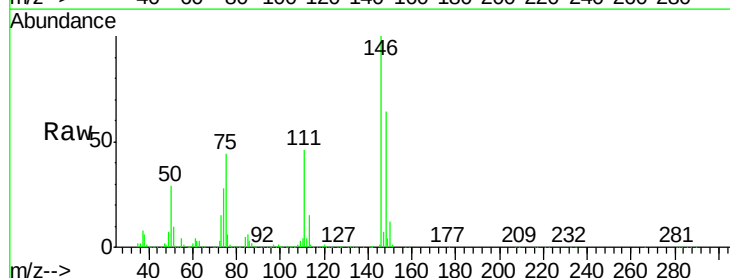
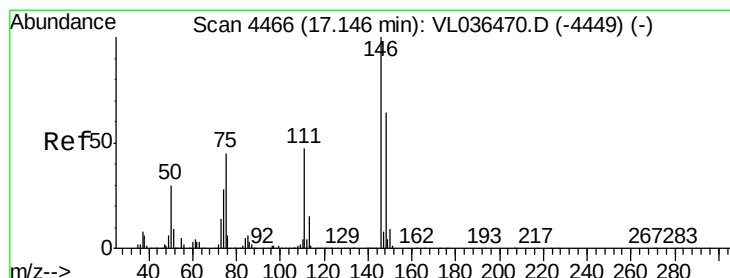
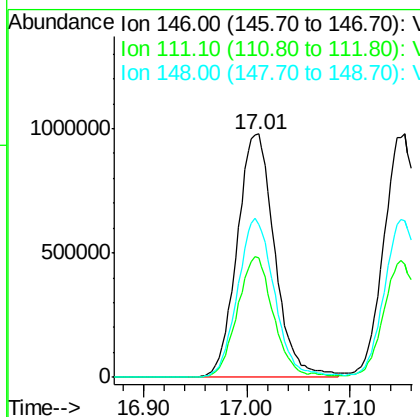


#75
 1,3-Dichlorobenzene
 Concen: 10.598 ppbv
 RT: 17.01 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 20 Apr 2021 9:27

Tot Ion:1
 Ion Ratio
 146 100
 111 47.
 148 64.

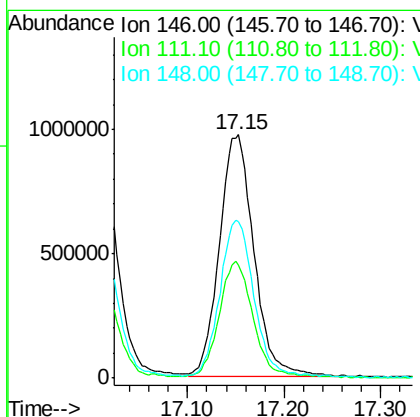
Manual Integrations
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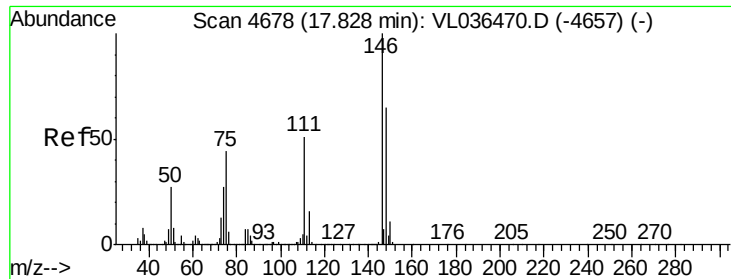
Reviewed By :Semsettin Yesilyurt 04/21/2021
 Supervised By :Mahesh Dadoda 04/21/2021



#76
 1,4-Dichlorobenzene
 Concen: 10.389 ppbv
 RT: 17.15 min Scan# 4468
 Delta R.T.: 0.01 min
 Lab File: VL036818.D
 Acq: 20 Apr 2021 9:27

Tgt Ion:146 Resp: 2412813
 Ion Ratio Lower Upper
 146 100
 111 48.0 24.3 72.8
 148 64.7 33.0 98.9





#77

1,2-Dichlorobenzene

Concen: 10.698 ppbv

RT: 17.83

Delta R.T. MSVOA_L

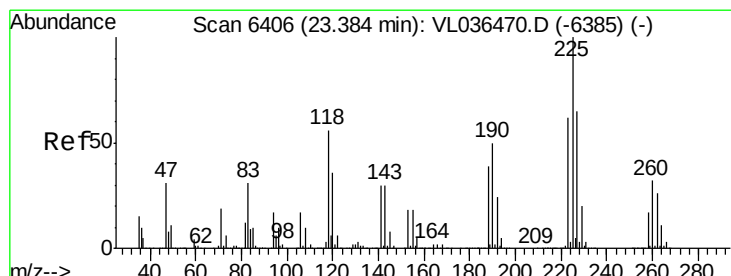
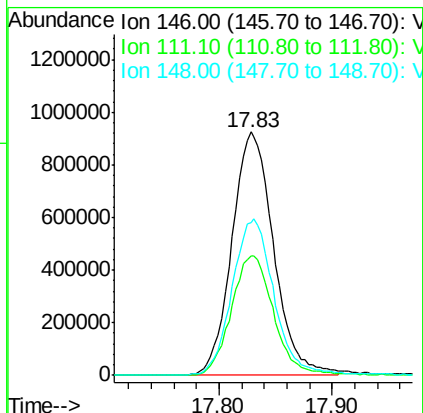
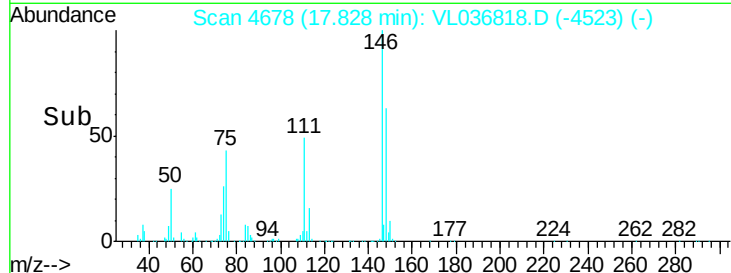
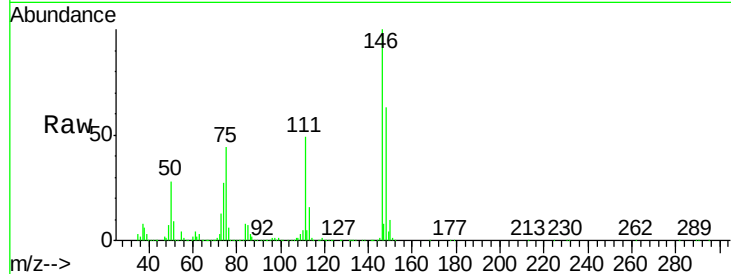
Lab File: ClientSampleId :

Acq: 20 Apr 2021 9:27

Tot Ion:1
Ion Rati
146 100
111 50.
148 64.

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



#78

Hexachloro-1,3-Butadiene

Concen: 8.816 ppbv

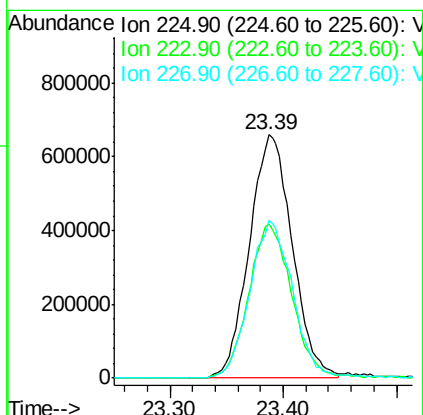
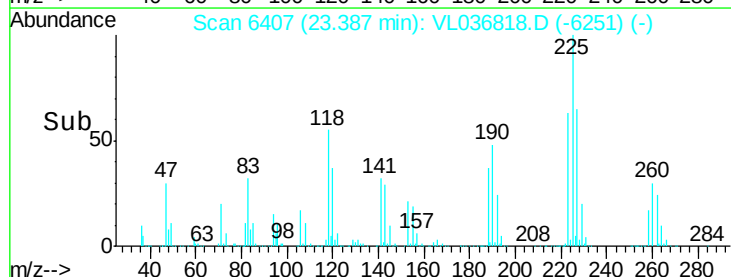
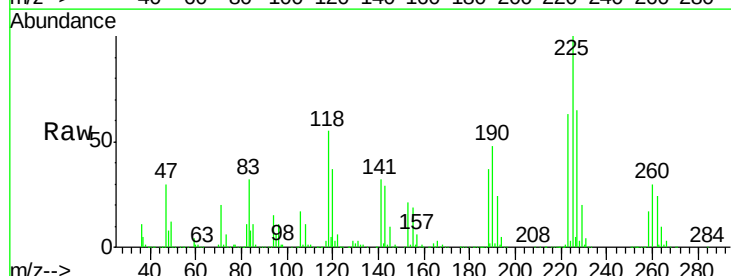
RT: 23.39 min Scan# 6407

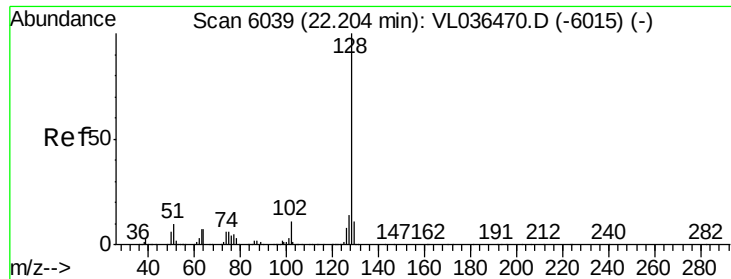
Delta R.T. 0.00 min

Lab File: VL036818.D

Acq: 20 Apr 2021 9:27

Tgt Ion:225 Resp: 1736112
Ion Ratio Lower Upper
225 100
223 64.0 50.6 75.8
227 65.3 52.2 78.2



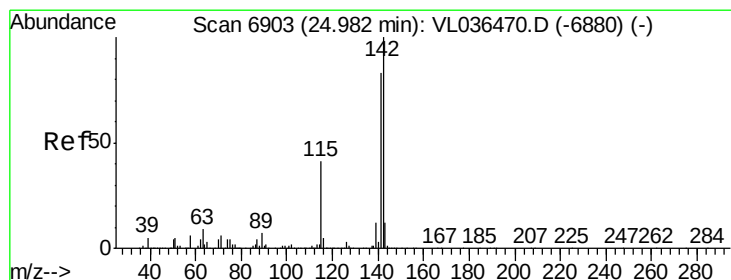
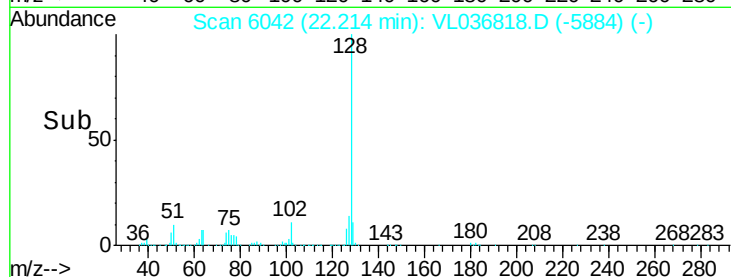
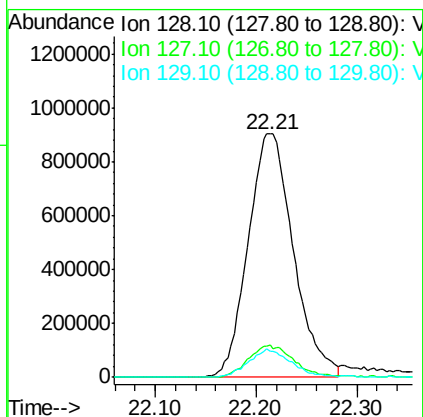
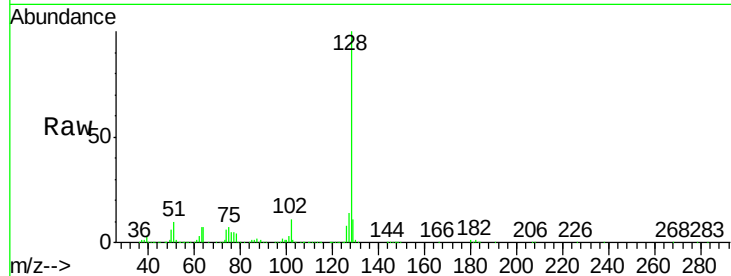


#79
Naphthalene
Concen: 11.602 ppbv
RT: 22.21 min
Instrument: MSVOA_L
Delta R.T.: 0.01 min
Lab File: ClientSampleId : VSTDCCC010
Acq: 20 Apr 2021 9:27

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

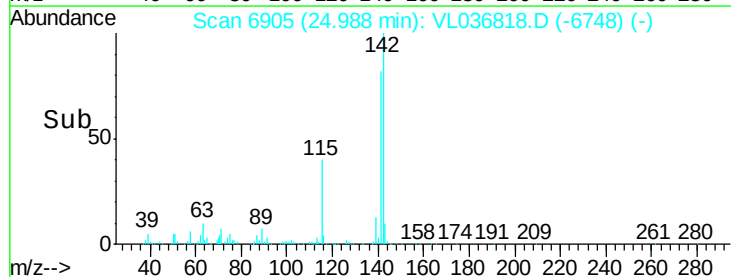
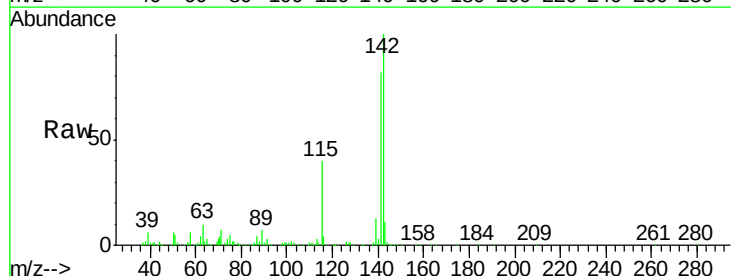
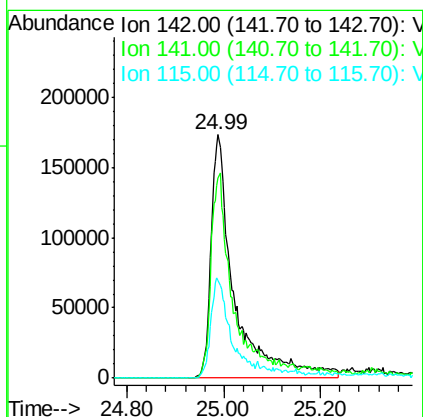
Manual Integrations
APPROVED

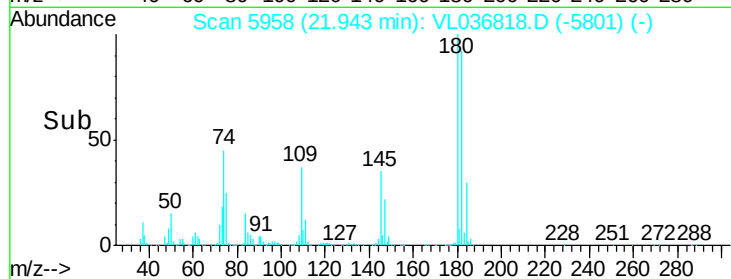
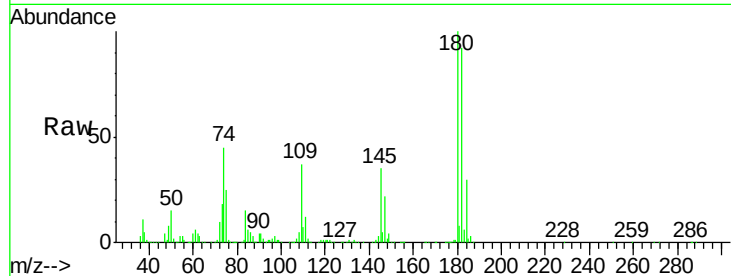
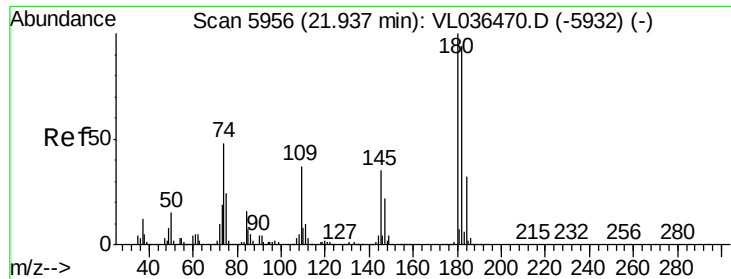
Reviewed By : Semsettin Yesilyurt 04/21/2021
Supervised By : Mahesh Dadoda 04/21/2021



#80
Naphthalene, 2-methyl-
Concen: 12.206 ppbv
RT: 24.99 min Scan# 6905
Delta R.T.: 0.01 min
Lab File: VL036818.D
Acq: 20 Apr 2021 9:27

Tgt Ion: 142 Resp: 583719
Ion Ratio Lower Upper
142 100
141 84.8 67.8 101.8
115 38.5 34.0 51.0





#81

1,2,4-Trichlorobenzene

Concen: 10.761 ppbv

RT: 21.94 Instrument:

Delta R.T: MSVOA_L

Lab File: ClientSampleId:

Acq: 20 Apr 2021 9.27 VSTDCCC010

Tot Ion:1

Ion Rati

180 100

182 103.

184 33.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/21/2021

Supervised By :Mahesh Dadoda 04/21/2021

