

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL042721\
 Data File : VL036843.D
 Acq On : 27 Apr 2021 2:06
 Operator : SY/AP
 Sample : VSTDICC002
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VSTDICC002

Manual Integrations
 APPROVED

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

Quant Time: Apr 27 16:53:48 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL042721A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Tue Apr 27 07:21:25 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1563461	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3985371	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	3738847	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2913277	9.82	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.04	85	441842	1.738	ppbv	98
3) Chlorodifluoromethane	2.99	51	609855	2.090	ppbv	99
4) Chloromethane	3.14	50	196186	1.926	ppbv	96
5) Vinyl Chloride	3.26	62	192267	1.840	ppbv	94
6) Bromomethane	3.47	94	107573	1.881	ppbv	97
7) Chloroethane	3.56	64	63788	1.783	ppbv	91
8) Dichlorotetrafluoroethane	3.19	85	464118	1.933	ppbv	97
9) Propene	3.01	41	185565	2.008	ppbv	94
10) Heptane	8.12	43	478939	2.033	ppbv	99
11) Trichlorofluoromethane	3.95	101	449733	1.771	ppbv	97
12) 1,1,2-Trichlorotrifluoroet	4.48	101	314678	1.932	ppbv	97
13) Ethanol	3.62	45	28284m	2.644	ppbv	
14) Bromoethene	3.74	108	128499	1.908	ppbv	96
15) Acetone	3.85	43	329534	2.186	ppbv #	76
16) 1,3-Butadiene	3.33	39	209546m	2.000	ppbv	
17) tert-Butyl alcohol	4.31	59	233305	1.767	ppbv	96
18) 1,1-Dichloroethene	4.29	96	140908m	1.962	ppbv	
19) Isopropyl Alcohol	3.99	45	152462m	1.855	ppbv	
20) Methylene Chloride	4.34	84	159249	2.272	ppbv	86
21) Allyl Chloride	4.41	41	242085	2.031	ppbv	97
22) trans-1,2-Dichloroethene	4.88	96	129450	1.914	ppbv	93
23) Vinyl Acetate	5.07	43	438417	1.727	ppbv #	97
24) 1,1-Dichloroethane	5.01	63	315785m	1.746	ppbv	
25) Ethyl Acetate	5.68	43	798944	2.193	ppbv	98
26) Hexane	5.68	57	384486	2.293	ppbv	96
27) Carbon Disulfide	4.55	76	292991	1.781	ppbv	93
28) Methyl tert-Butyl Ether	5.04	73	331880	1.751	ppbv	99
29) Chloroform	5.75	83	564014	2.081	ppbv	98
30) Cyclohexane	7.12	84	288793	2.113	ppbv	87
31) cis-1,2-Dichloroethene	5.55	61	331101	2.049	ppbv	97
32) 1,1,1-Trichloroethane	6.51	97	559779	2.052	ppbv	99
34) 2-Butanone	5.25	43	408787m	2.143	ppbv	
35) Carbon Tetrachloride	7.01	117	568915	1.868	ppbv	98
36) Benzene	6.88	78	722383	1.987	ppbv	99
37) 1,2-Dichloroethane	6.30	62	411707	1.931	ppbv	100
38) Trichloroethene	7.83	130	263921	1.852	ppbv	96
39) 1,2-Dichloropropane	7.61	63	282354	1.923	ppbv	95
40) 1,4-Dioxane	7.85	88	58700	1.696	ppbv #	43
41) Tetrahydrofuran	6.06	42	165296	1.894	ppbv	98
42) Bromodichloromethane	7.78	83	576502	1.990	ppbv	97
43) Methyl Methacrylate	8.01	69	239058	1.973	ppbv	98

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Instrument :
 MSVOA L
 ClientSampleId :
 VSTDICC002

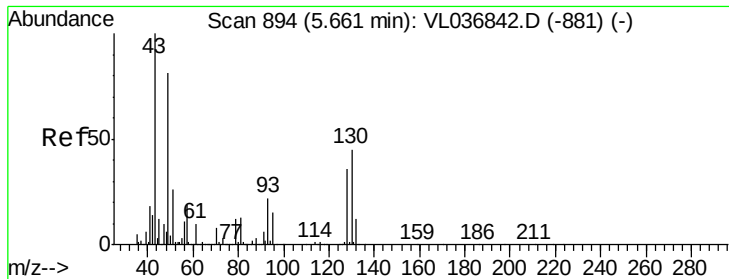
Manual Integrations
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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL042721A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Tue Apr 27 07:21:25 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.86	57	1289700	2.011	ppbv	100
45) t-1,3-Dichloropropene	9.27	75	248018	1.796	ppbv	97
46) cis-1,3-Dichloropropene	8.70	75	324409	1.841	ppbv	98
47) 1,1,2-Trichloroethane	9.47	97	299999	2.002	ppbv	94
48) Dibromochloromethane	10.30	129	451924	1.989	ppbv	100
49) Bromoform	13.03	173	352865	1.924	ppbv	97
50) 4-Methyl-2-Pentanone	8.75	43	521783	1.894	ppbv	99
51) 2-Hexanone	10.15	43	251897m	1.824	ppbv	
52) Tetrachloroethene	11.22	164	251379	1.870	ppbv	95
53) Toluene	9.80	91	783260	2.027	ppbv	98
54) 1,2-Dibromoethane	10.60	107	417574	1.980	ppbv	98
56) 1,1,1,2-Tetrachloroethane	12.12	131	335306	2.018	ppbv #	1
57) Chlorobenzene	12.14	112	631745	2.012	ppbv	97
58) Ethyl Benzene	12.70	91	1061231	1.989	ppbv	93
59) m/p-Xylene	12.99	91	1921048m	4.119	ppbv	
60) o-Xylene	13.69	91	900208	1.995	ppbv	99
61) Styrene	13.53	104	436197	1.939	ppbv	99
62) Isopropylbenzene	14.66	105	1237455	2.038	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.67	83	690543	1.987	ppbv	99
64) n-propylbenzene	15.56	120	309804	2.080	ppbv	83
65) tert-Butylbenzene	16.74	119	1140158	2.152	ppbv	98
66) Benzyl Chloride	16.98	91	99286m	1.752	ppbv	
67) sec-Butylbenzene	17.29	105	1592543	2.130	ppbv	98
69) p-Isopropyltoluene	17.65	119	1284147	2.194	ppbv	99
70) n-Butylbenzene	18.55	91	1319031	2.175	ppbv	97
71) 2-Chlorotoluene	15.45	91	924841	2.030	ppbv	99
72) 4-Ethyltoluene	15.83	105	1010352	2.033	ppbv	99
73) 1,3,5-Trimethylbenzene	16.00	105	966771	2.085	ppbv	99
74) 1,2,4-Trimethylbenzene	16.76	105	1066150	2.141	ppbv	95
75) 1,3-Dichlorobenzene	16.99	146	580231	2.067	ppbv	98
76) 1,4-Dichlorobenzene	17.14	146	540499	1.942	ppbv	95
77) 1,2-Dichlorobenzene	17.82	146	563444	2.129	ppbv	96
78) Hexachloro-1,3-Butadiene	23.37	225	495405	2.090	ppbv	98
79) Naphthalene	22.20	128	584633m	2.043	ppbv	
80) Naphthalene, 2-methyl-	25.00	142	44089m	0.914	ppbv	
81) 1,2,4-Trichlorobenzene	21.93	180	373753m	2.107	ppbv	

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 Instrument: MSVOA_L

Delta R.T. 0.00

Lab File: ClientSampleId :

Acq: 27 Apr 2021 2:00

Tot Ion:

Ion Ratio

49 100

128 47.

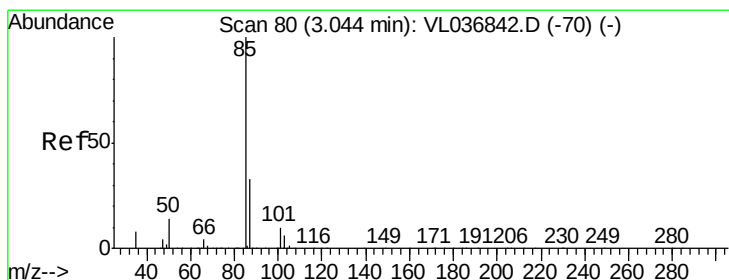
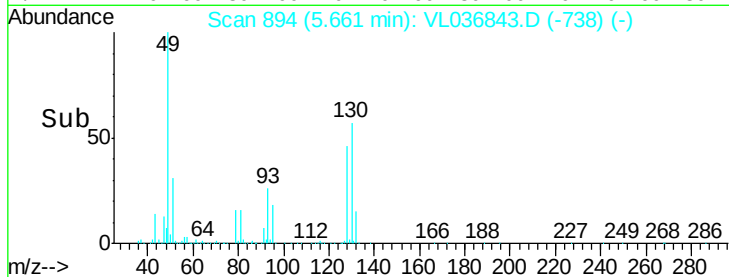
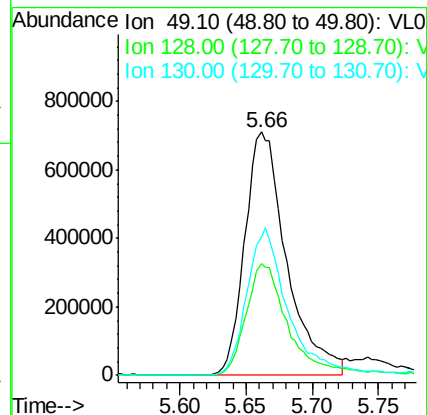
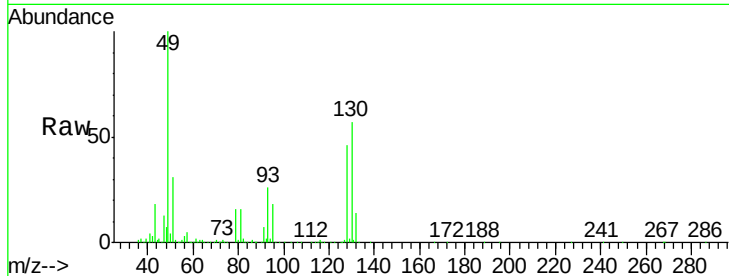
130 61.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2021

Supervised By :Mahesh Dadoda 04/29/2021



#2

Dichlorodifluoromethane

Concen: 1.738 ppbv

RT: 3.04 min Scan# 80

Delta R.T. 0.00 min

Lab File: VL036843.D

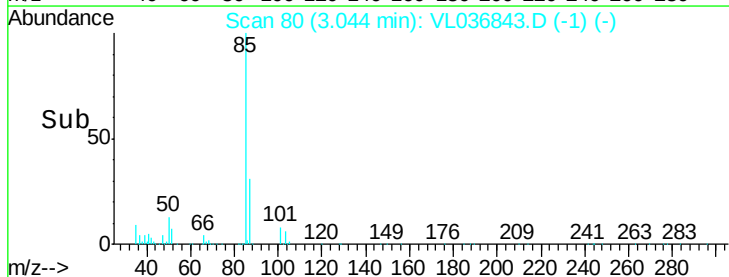
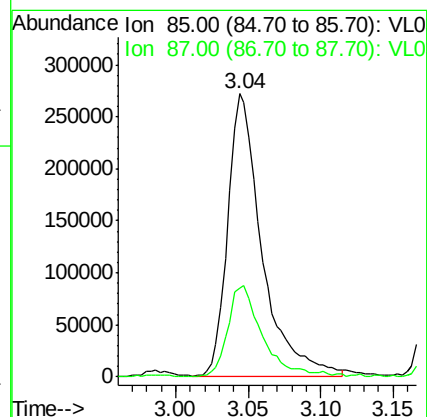
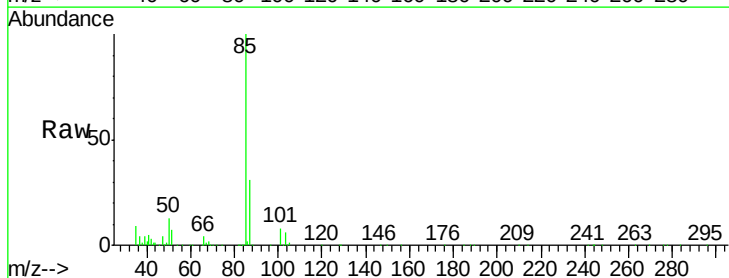
Acq: 27 Apr 2021 2:06

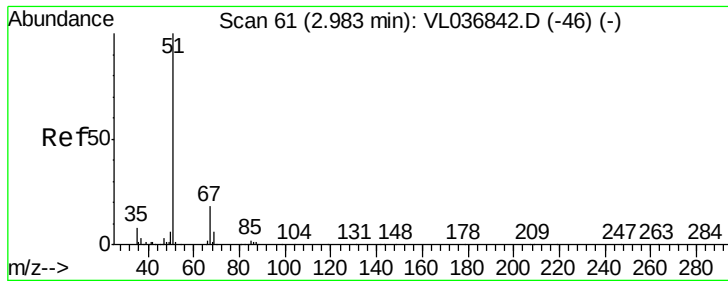
Tgt Ion: 85 Resp: 441842

Ion Ratio Lower Upper

85 100

87 31.4 26.2 39.2





#3

Chlorodifluoromethane

Concen: 2.090 ppbv

RT: 2.99 Instrument: MSVOA_1

Delta R.T. 0.00

Lab File: VSTDIC002

Acq: 27 Apr 2021 2:00

Tot Ion:

Ion Ratio

51 100

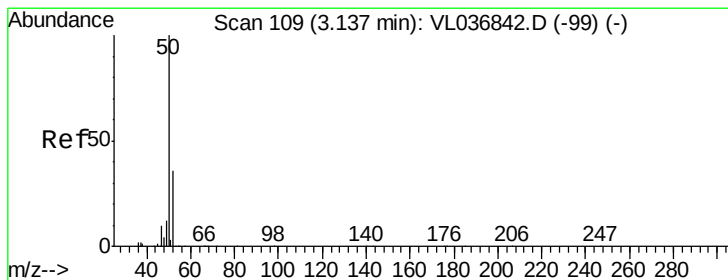
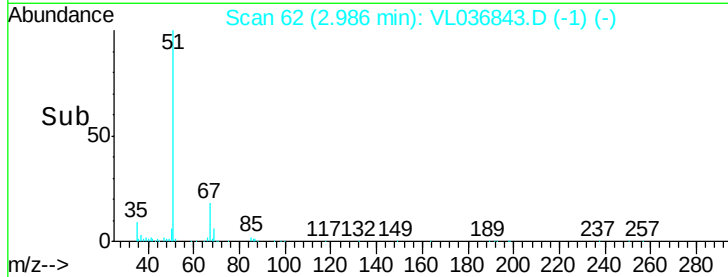
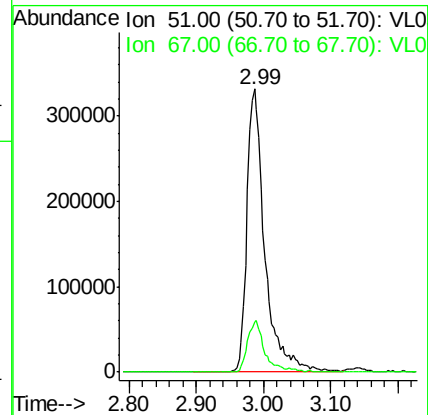
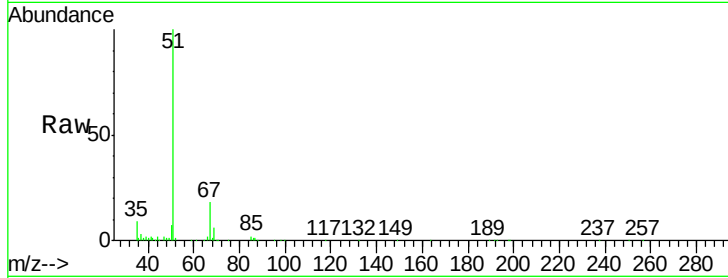
67 17.

Manual Integrations

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Supervised By :Mahesh Dadoda 04/29/2021



#4

Chloromethane

Concen: 1.926 ppbv

RT: 3.14 min Scan# 109

Delta R.T. 0.00 min

Lab File: VL036843.D

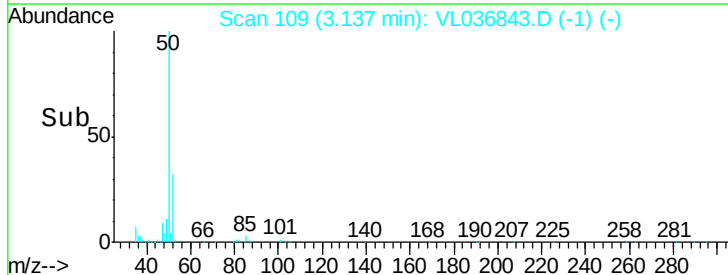
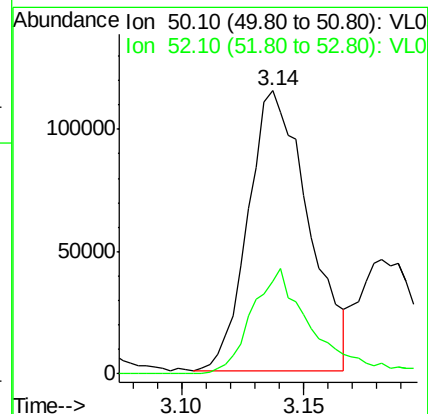
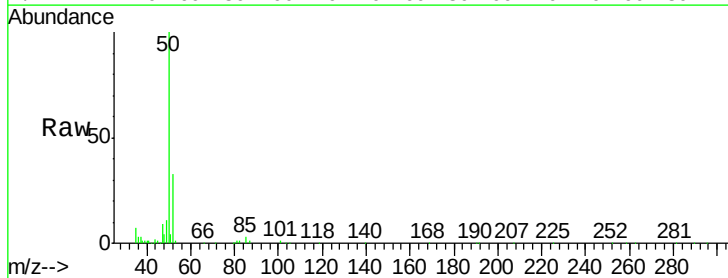
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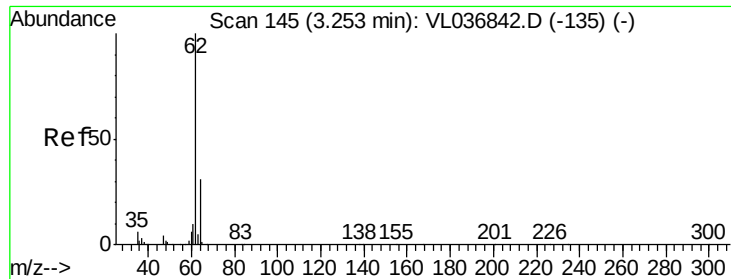
Tgt Ion: 50 Resp: 196186

Ion Ratio Lower Upper

50 100

52 33.1 28.5 42.7





#5

Vinyl Chloride

Concen: 1.840 ppbv

RT: 3.26 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 27 Apr 2021 2:00

Tot Ion:

Ion Ratio

62 100

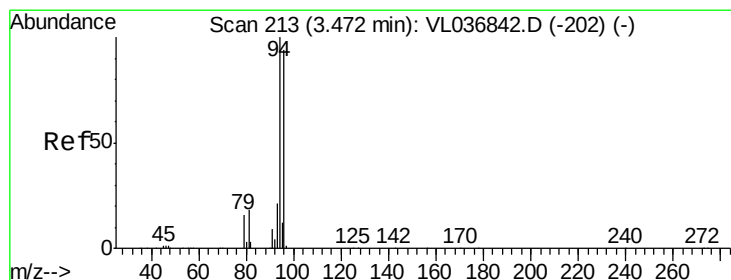
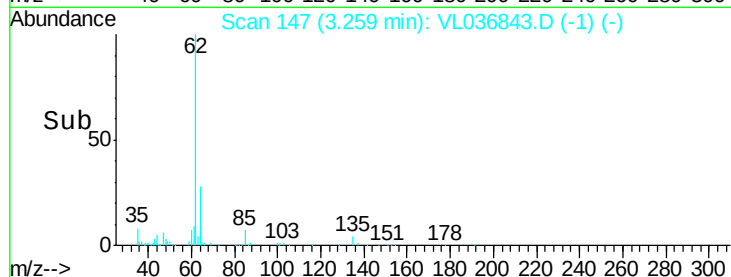
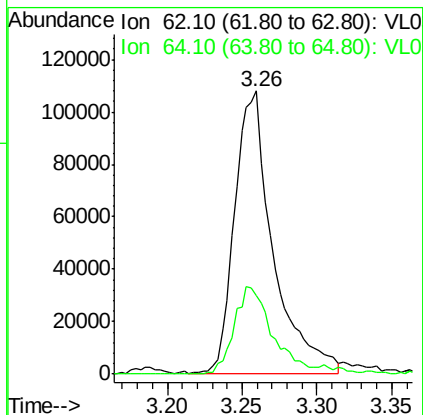
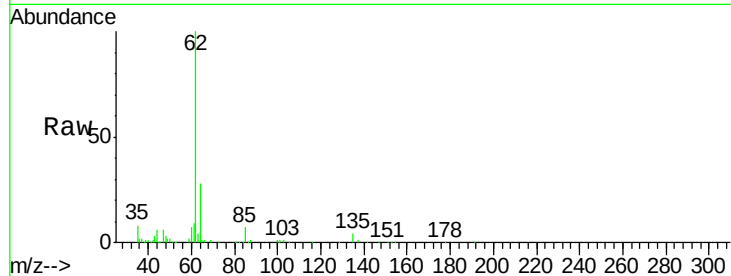
64 27.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2021

Supervised By :Mahesh Dadoda 04/29/2021



#6

Bromomethane

Concen: 1.881 ppbv

RT: 3.47 min Scan# 213

Delta R.T. 0.00 min

Lab File: VL036843.D

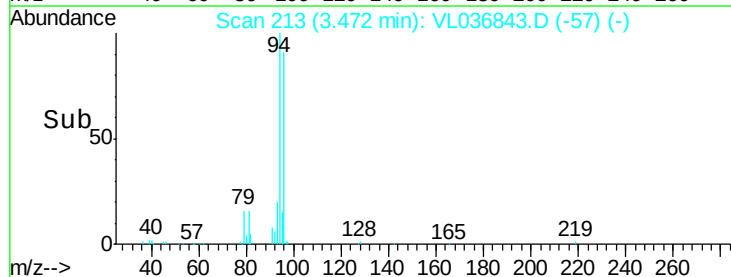
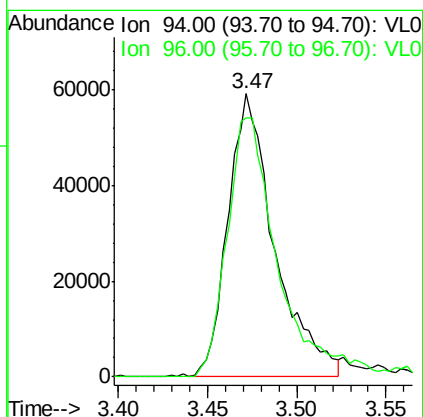
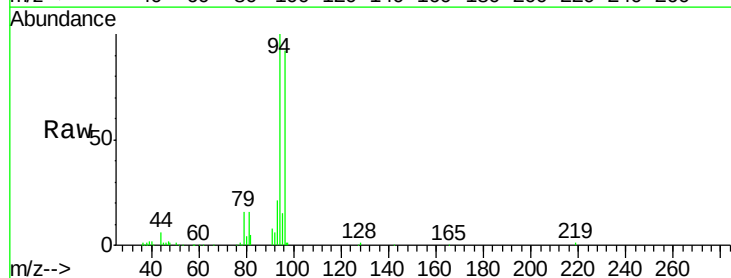
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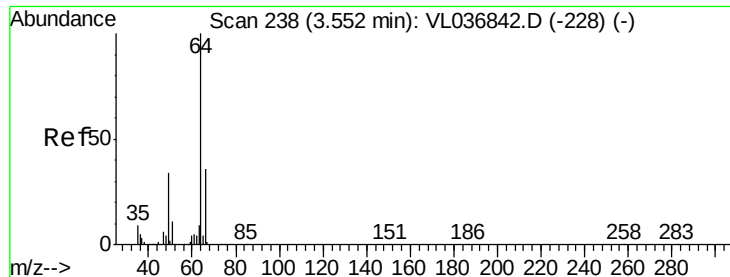
Tgt Ion: 94 Resp: 107573

Ion Ratio Lower Upper

94 100

96 91.6 75.4 113.0





#7

Chloroethane

Concen: 1.783 ppbv

RT: 3.56 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 27 Apr 2021 2:00

Tot Ion:

Ion Ratio

64 100

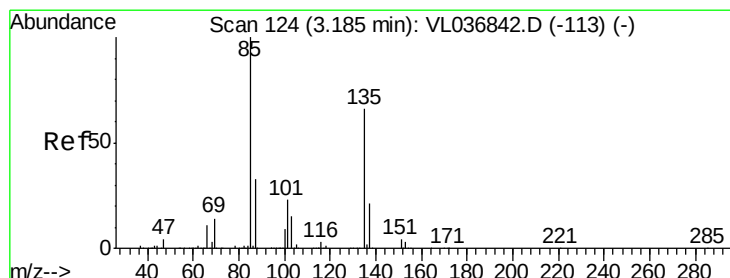
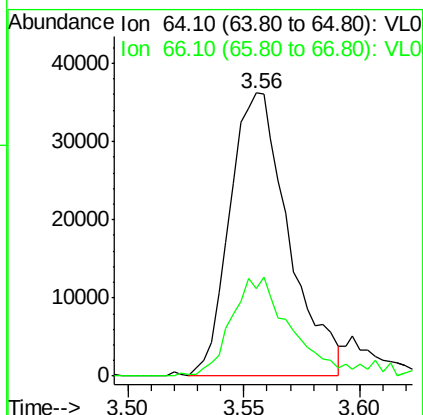
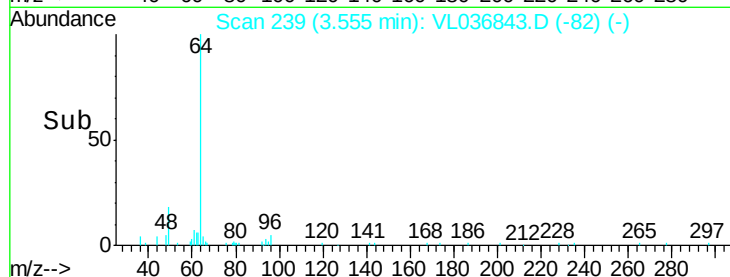
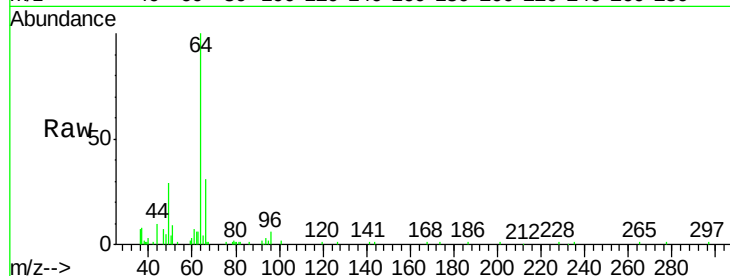
66 30.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/28/2021

Supervised By :Mahesh Dadoda 04/29/2021



#8

Dichlorotetrafluoroethane

Concen: 1.933 ppbv

RT: 3.19 min Scan# 124

Delta R.T. 0.00 min

Lab File: VL036843.D

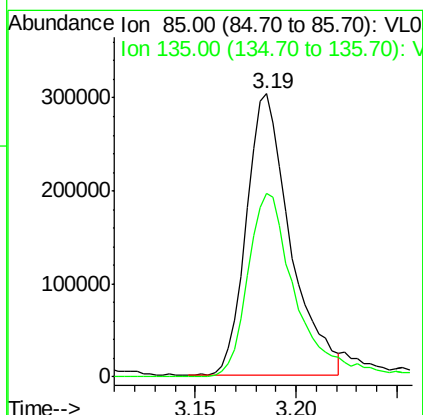
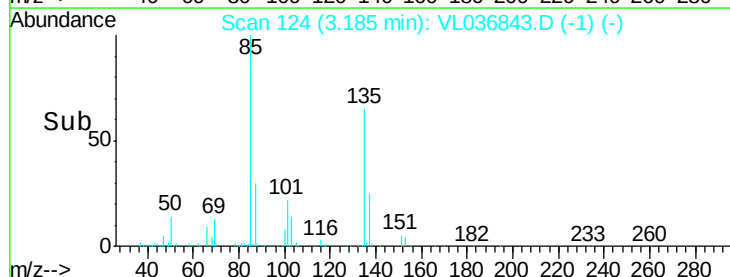
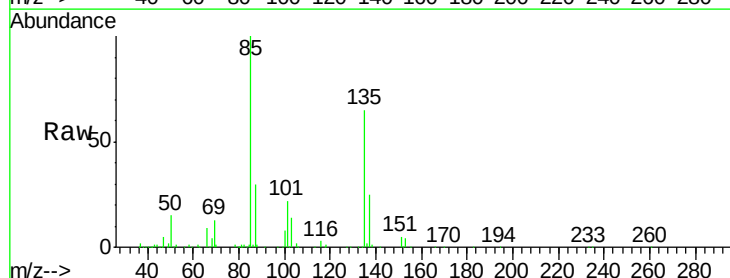
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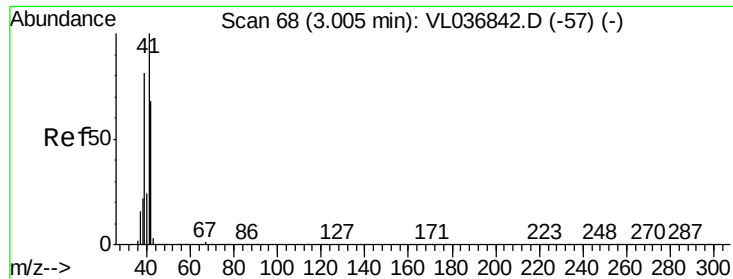
Tgt Ion: 85 Resp: 464118

Ion Ratio Lower Upper

85 100

135 72.8 56.2 84.4



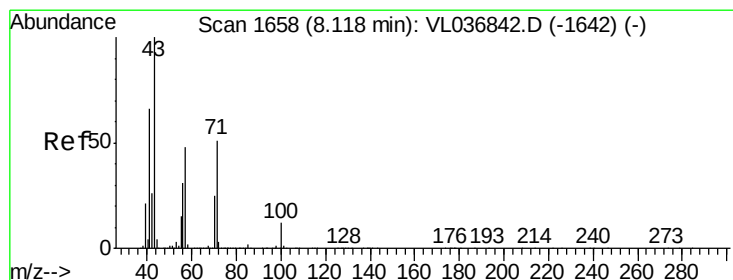
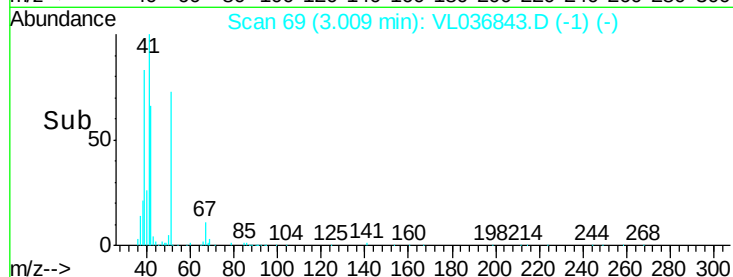
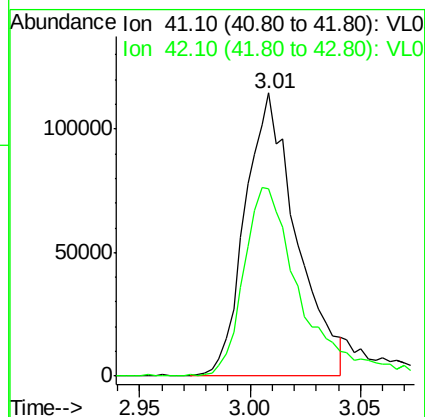
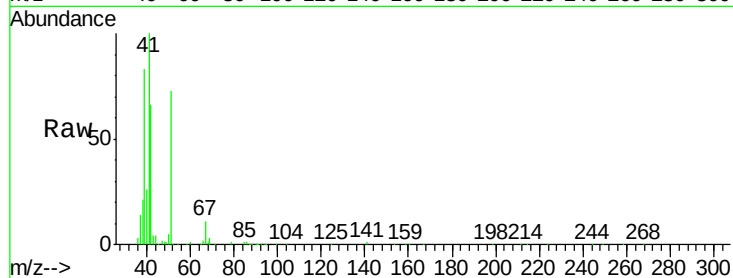


#9
 Propene
 Concen: 2.008 ppbv
 RT: 3.01
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 27 Apr 2021 2:00

Tot Ion:
 Ion Ratio
 41 100
 42 75.

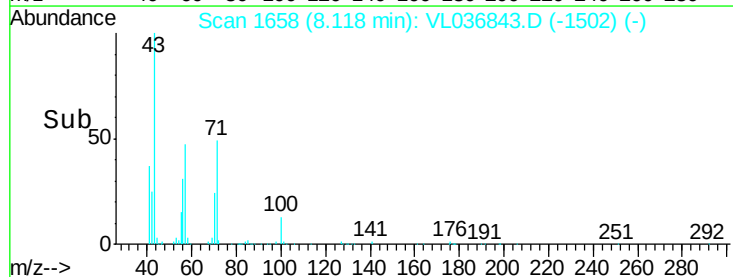
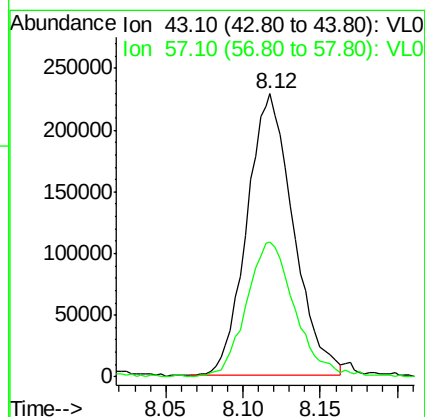
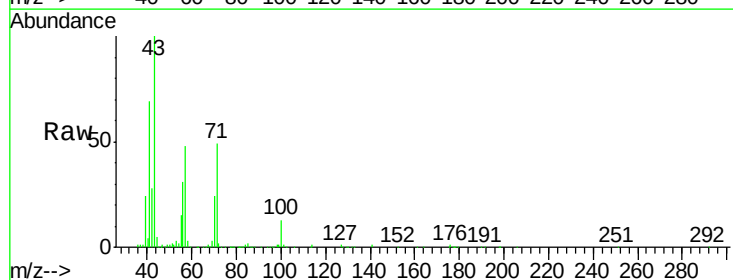
Manual Integrations
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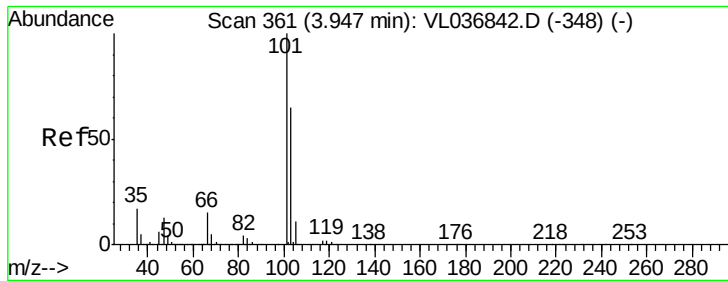
Reviewed By :Semsettin Yesilyurt 04/28/2021
 Supervised By :Mahesh Dadoda 04/29/2021



#10
 Heptane
 Concen: 2.033 ppbv
 RT: 8.12 min Scan# 1658
 Delta R.T. 0.00 min
 Lab File: VL036843.D
 Acq: 27 Apr 2021 2:06

Tgt Ion: 43 Resp: 478939
 Ion Ratio Lower Upper
 43 100
 57 49.4 39.0 58.6



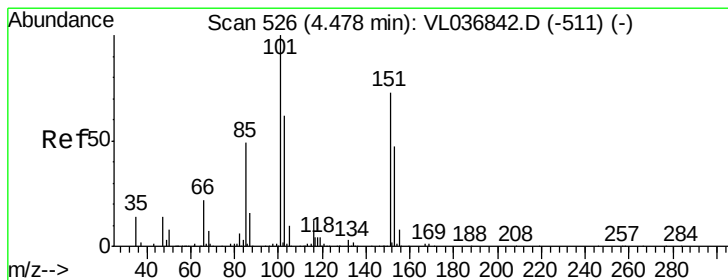
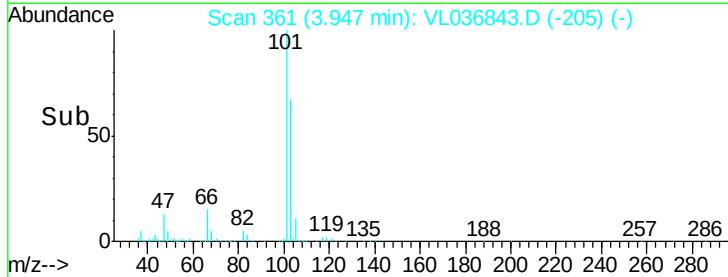
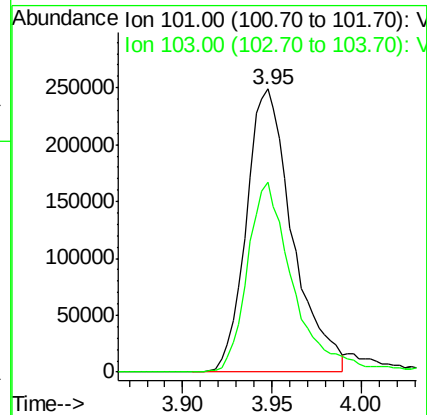
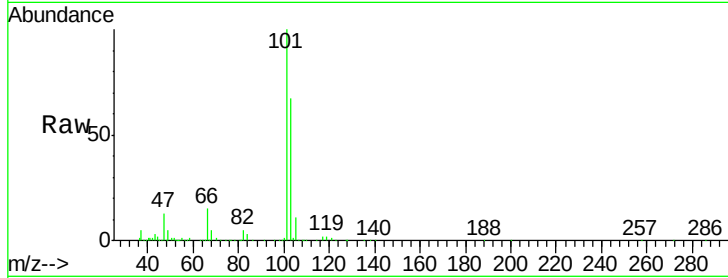


#11
 Trichlorofluoromethane
 Concen: 1.771 ppbv
 RT: 3.95
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDIC002
 Acq: 27 Apr 2021 2:00

Tot Ion:1
 Ion Rati
 101 100
 103 67.

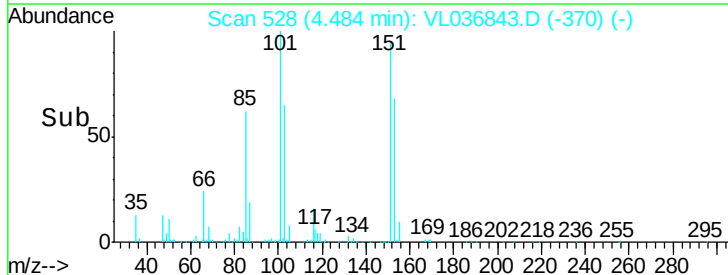
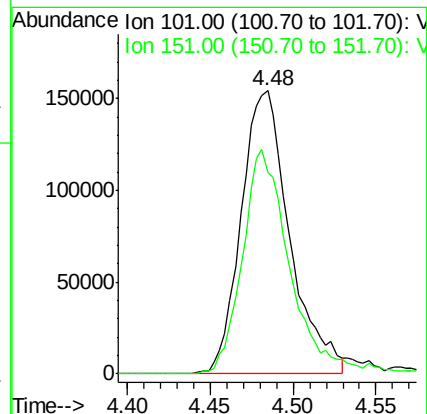
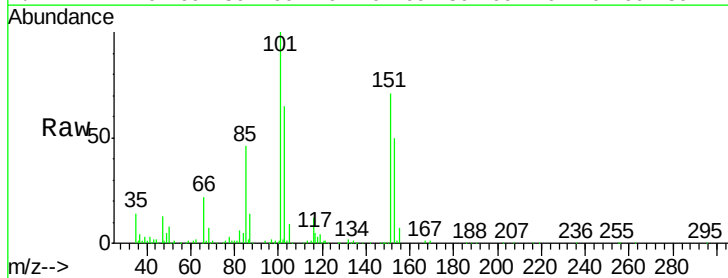
Manual Integrations
 APPROVED

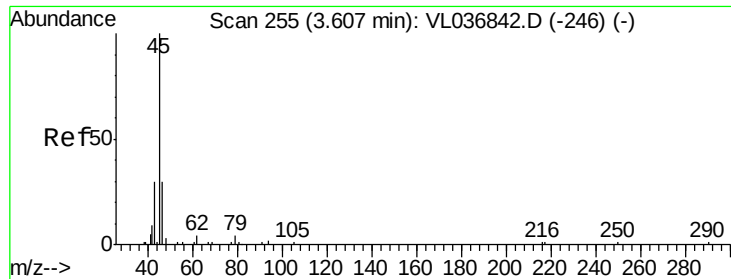
Reviewed By :Semsettin Yesilyurt 04/28/2021
 Supervised By :Mahesh Dadoda 04/29/2021



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 1.932 ppbv
 RT: 4.48 min Scan# 528
 Delta R.T. 0.01 min
 Lab File: VL036843.D
 Acq: 27 Apr 2021 2:06

Tgt Ion:101 Resp: 314678
 Ion Ratio Lower Upper
 101 100
 151 78.9 61.1 91.7



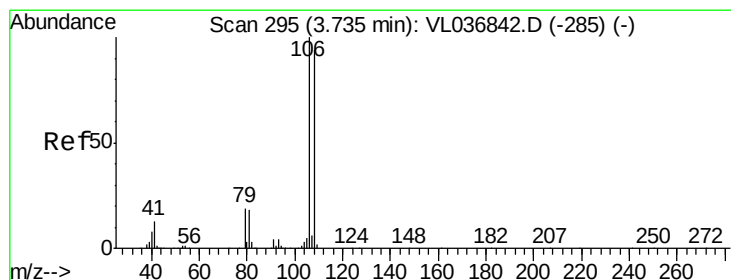
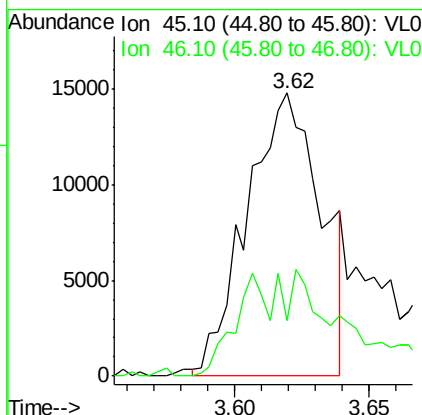
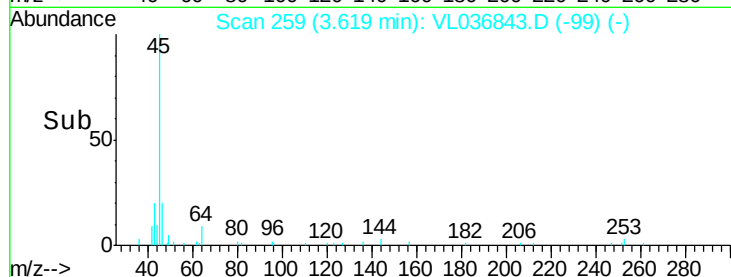
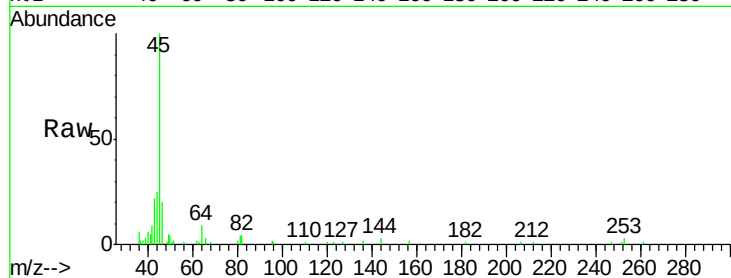


#13
Ethanol
Concen: 2.644 ppbv m
RT: 3.62
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 27 Apr 2021 2:00

Tot Ion:
Ion Ratio
45 100
46 57.

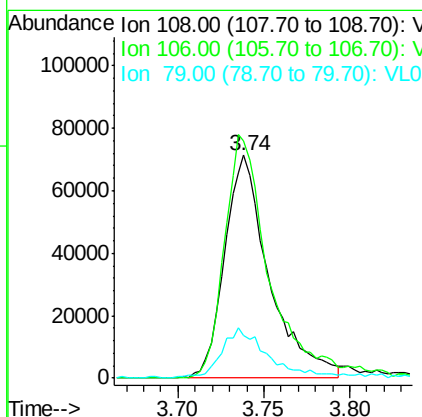
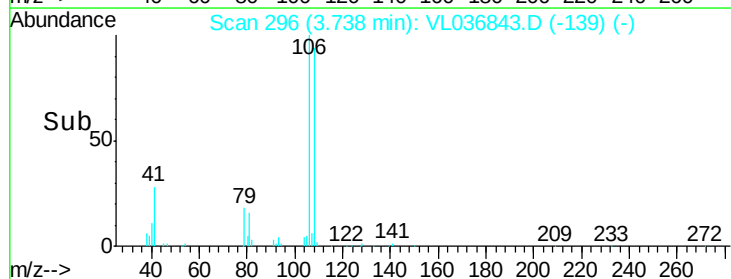
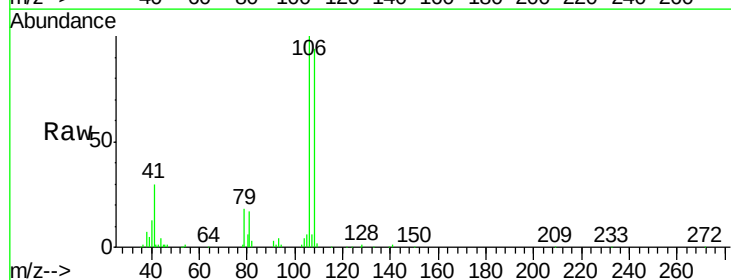
Manual Integrations
APPROVED

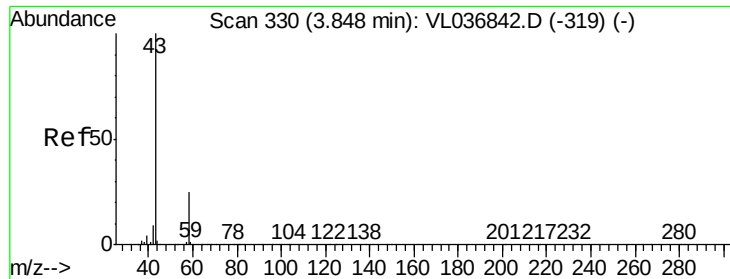
Reviewed By :Semsettin Yesilyurt 04/28/2021
Supervised By :Mahesh Dadoda 04/29/2021



#14
Bromoethene
Concen: 1.908 ppbv
RT: 3.74 min Scan# 296
Delta R.T.: 0.00 min
Lab File: VL036843.D
Acq: 27 Apr 2021 2:06

Tgt Ion:108 Resp: 128499
Ion Ratio Lower Upper
108 100
106 113.5 88.5 132.7
79 26.3 17.9 26.9



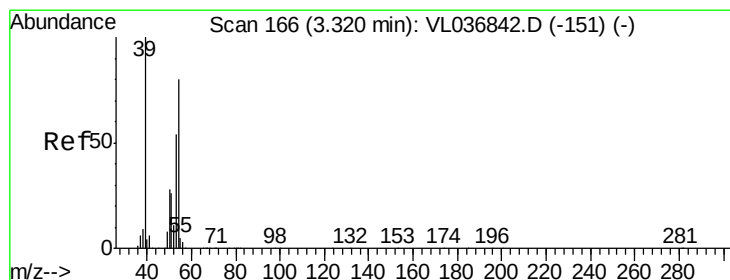
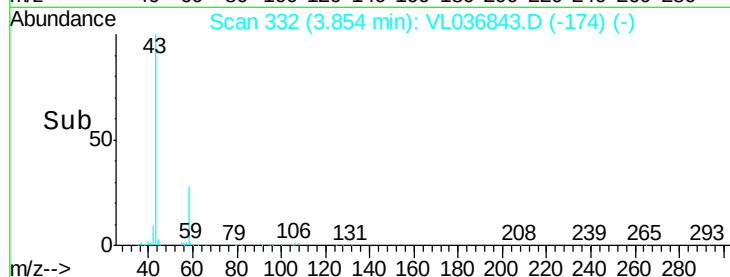
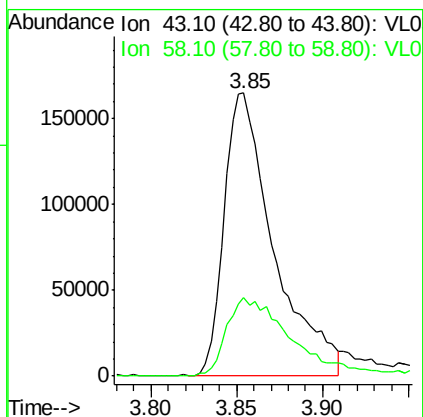
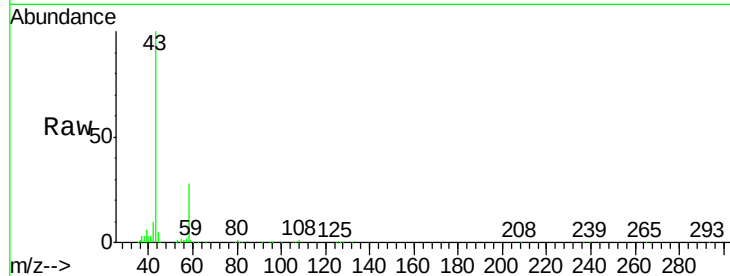


#15
Acetone
Concen: 2.186 ppbv
RT: 3.85
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 27 Apr 2021 2:00

Tot Ion:
Ion Ratio
43 100
58 39.

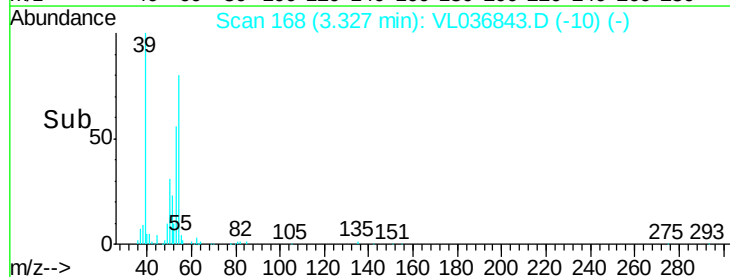
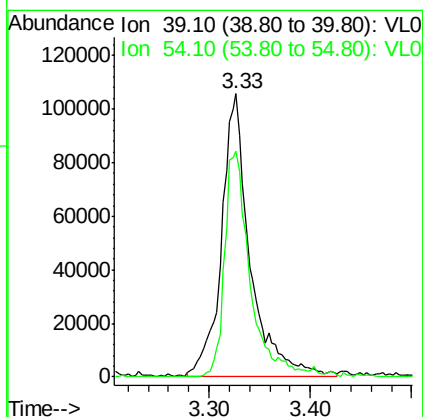
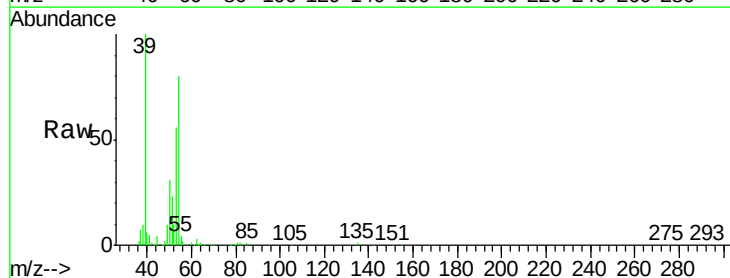
Manual Integrations
APPROVED

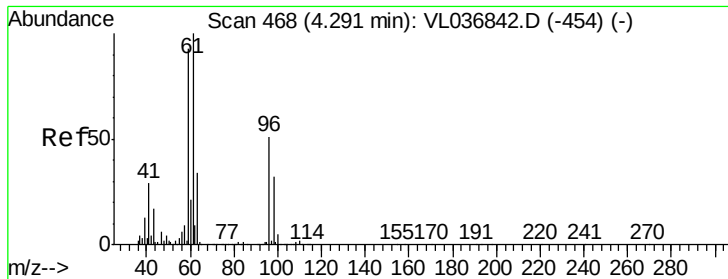
Reviewed By :Semsettin Yesilyurt 04/28/2021
Supervised By :Mahesh Dadoda 04/29/2021



#16
1,3-Butadiene
Concen: 2.000 ppbv m
RT: 3.33 min Scan# 168
Delta R.T. 0.01 min
Lab File: VL036843.D
Acq: 27 Apr 2021 2:06

Tgt Ion: 39 Resp: 209546
Ion Ratio Lower Upper
39 100
54 72.1 59.6 89.4





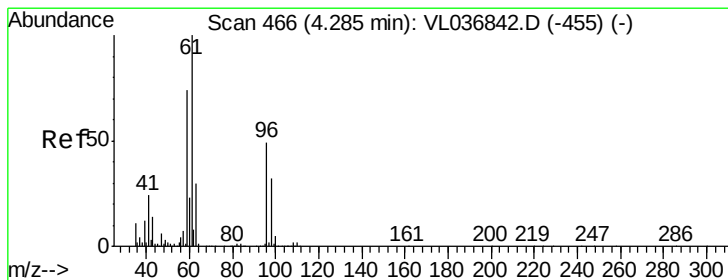
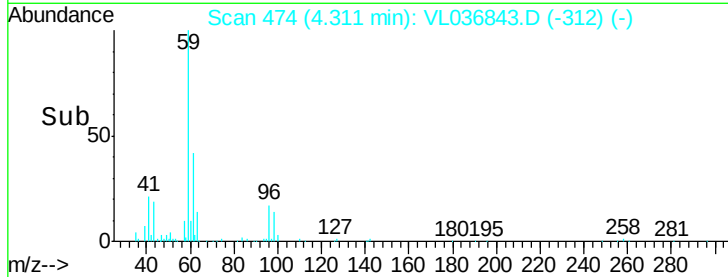
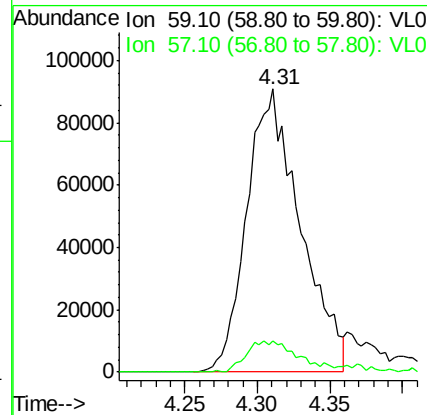
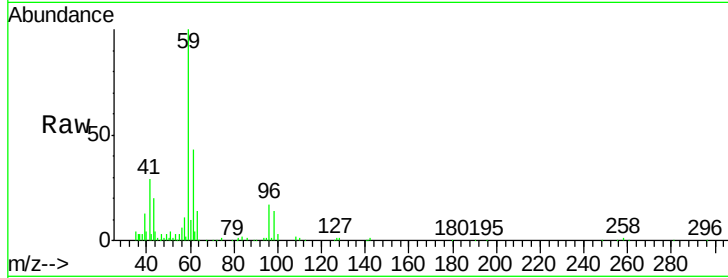
#17

tert-Butyl alcohol
Concen: 1.767 ppbv
RT: 4.31
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 27 Apr 2021 2:00

Tot Ion:
Ion Ratio
59 100
57 12.

Manual Integrations
APPROVED

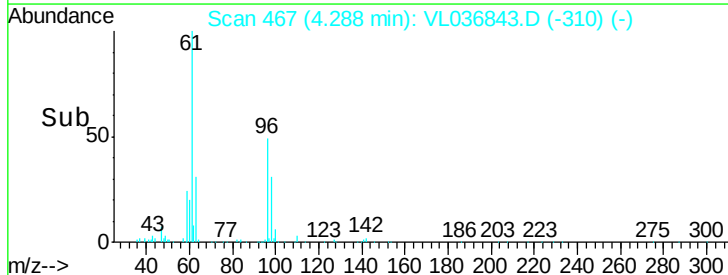
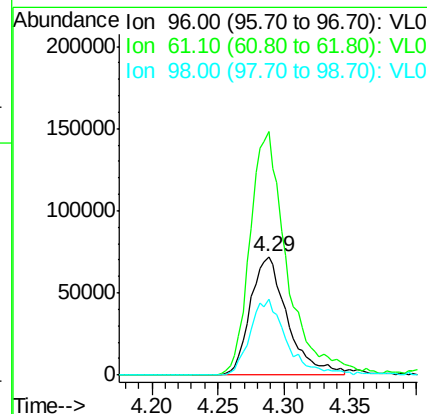
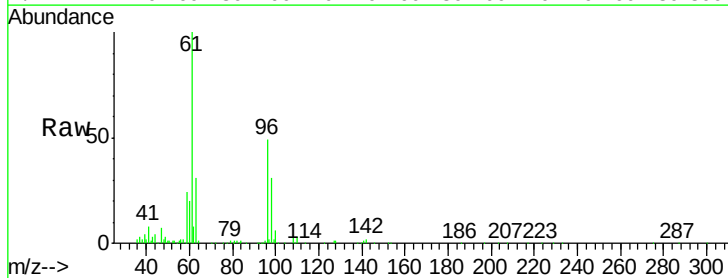
Reviewed By :Semsettin Yesilyurt 04/28/2021
Supervised By :Mahesh Dadoda 04/29/2021

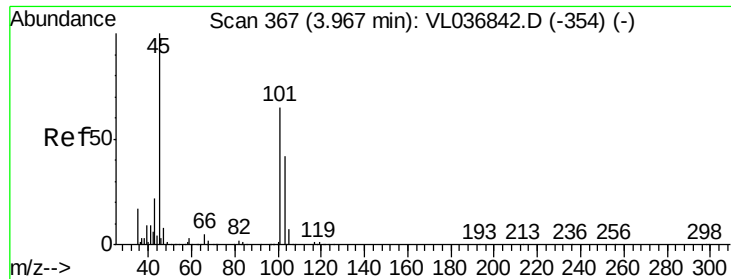


#18

1,1-Dichloroethene
Concen: 1.962 ppbv m
RT: 4.29 min Scan# 467
Delta R.T. 0.00 min
Lab File: VL036843.D
Acq: 27 Apr 2021 2:06

Tgt Ion: 96 Resp: 140908
Ion Ratio Lower Upper
96 100
61 205.0 162.2 243.2
98 64.0 51.8 77.6





#19

Isopropyl Alcohol

Concen: 1.855 ppbv m

RT: 3.99 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 27 Apr 2021 VSTDIC002

2:00

Tot Ion:

Ion Ratio

45 100

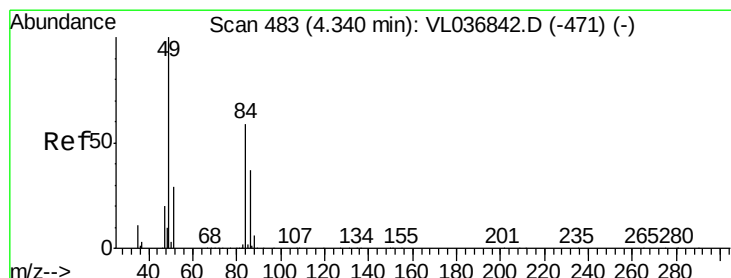
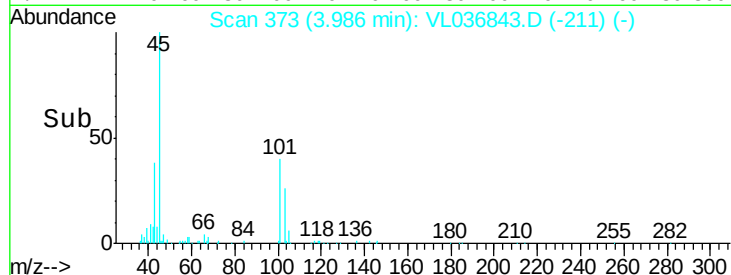
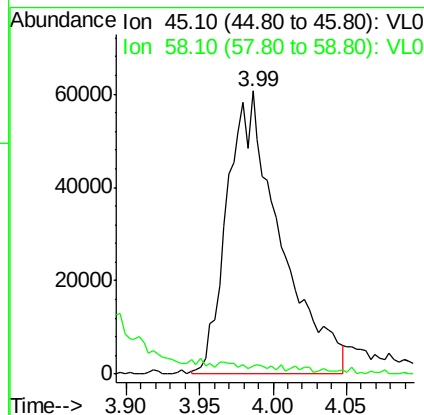
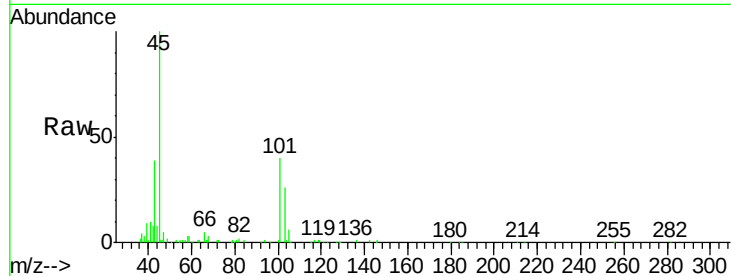
58 3.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2021

Supervised By :Mahesh Dadoda 04/29/2021



#20

Methylene Chloride

Concen: 2.272 ppbv

RT: 4.34 min Scan# 482

Delta R.T. -0.00 min

Lab File: VL036843.D

Acq: 27 Apr 2021 2:06

Tgt Ion: 84 Resp: 159249

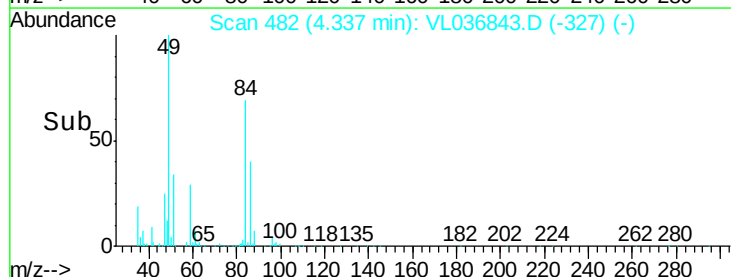
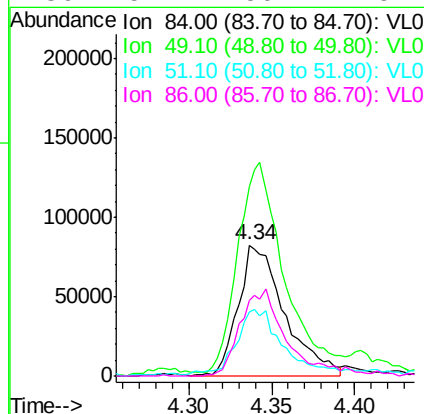
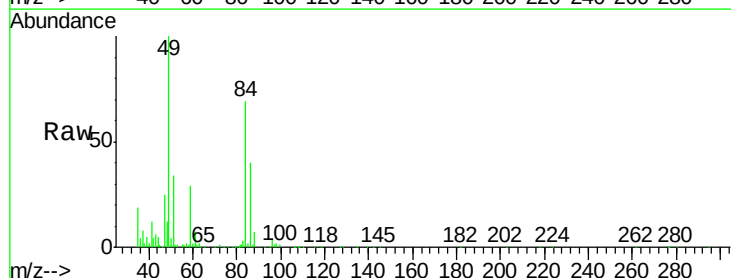
Ion Ratio Lower Upper

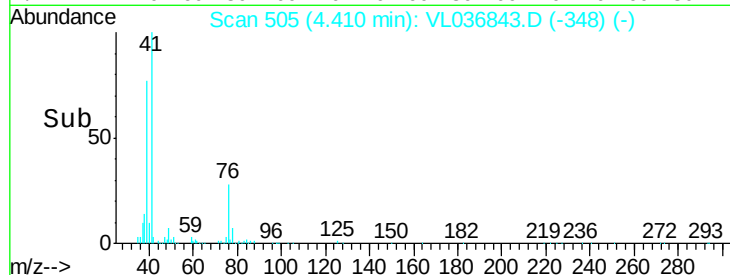
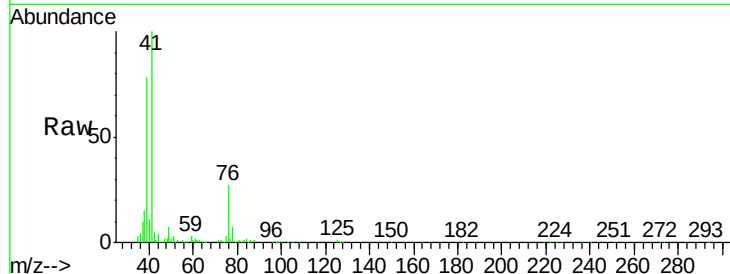
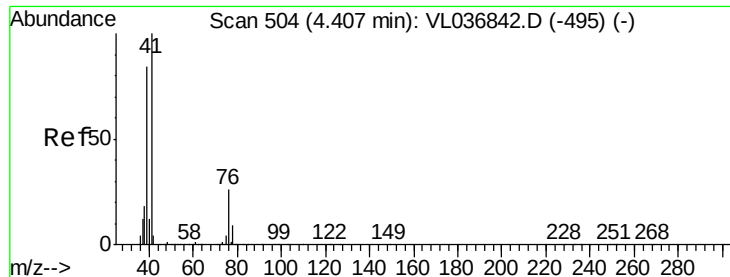
84 100

49 142.5 135.4 203.0

51 46.7 39.3 58.9

86 57.7 50.2 75.2



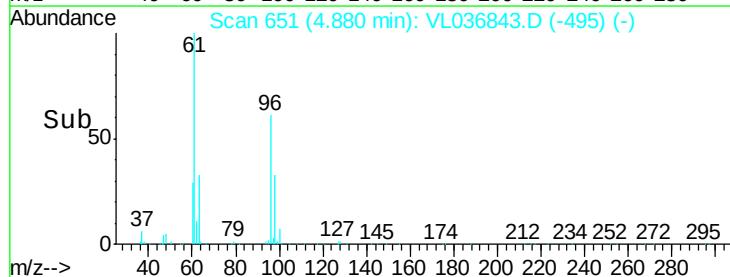
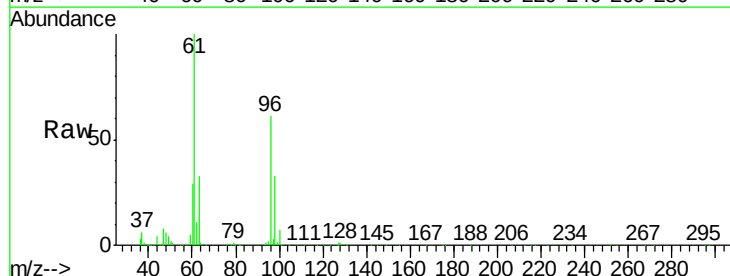
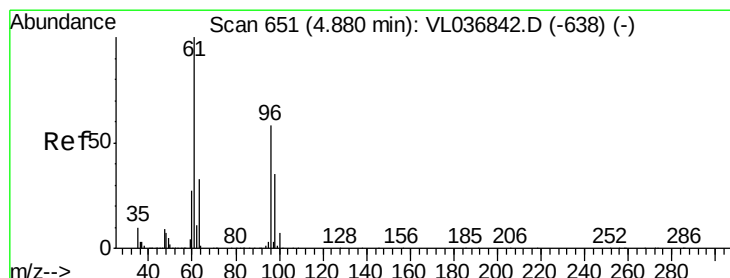
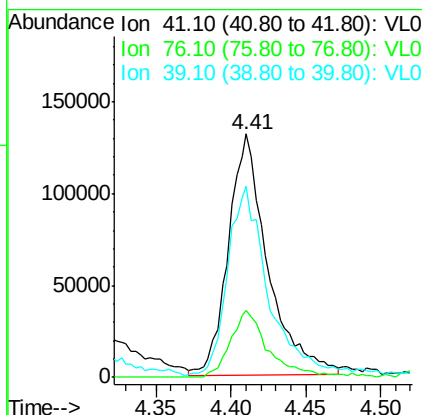


#21
Allvl Chloride
Concen: 2.031 ppbv
RT: 4.41
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 27 Apr 2021 2:00

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

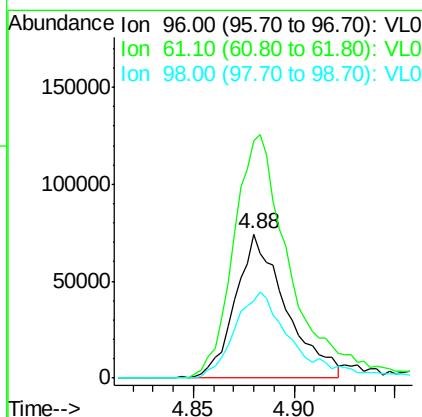
Manual Integrations
APPROVED

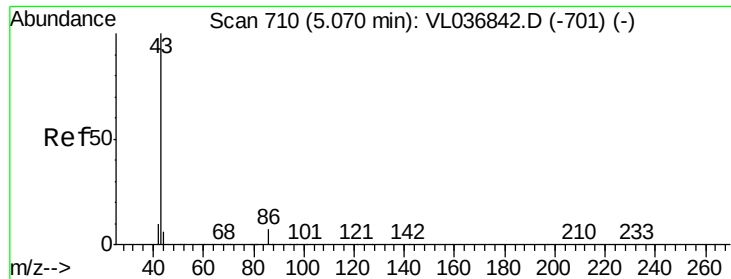
Reviewed By :Semsettin Yesilyurt 04/28/2021
Supervised By :Mahesh Dadoda 04/29/2021



#22
trans-1,2-Dichloroethene
Concen: 1.914 ppbv
RT: 4.88 min Scan# 651
Delta R.T.: 0.00 min
Lab File: VL036843.D
Acq: 27 Apr 2021 2:06

Tgt Ion: 96 Resp: 129450
Ion Ratio Lower Upper
96 100
61 164.4 138.6 207.8
98 53.7 48.1 72.1



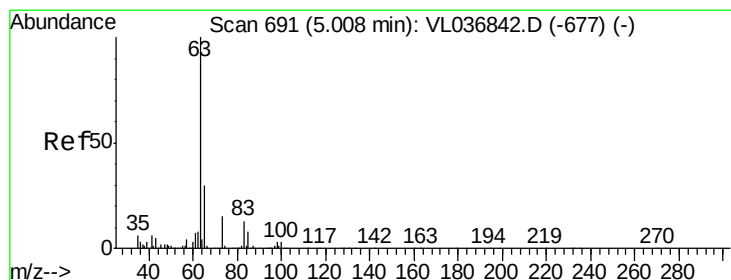
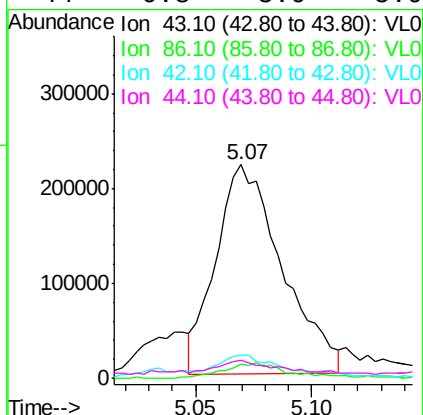
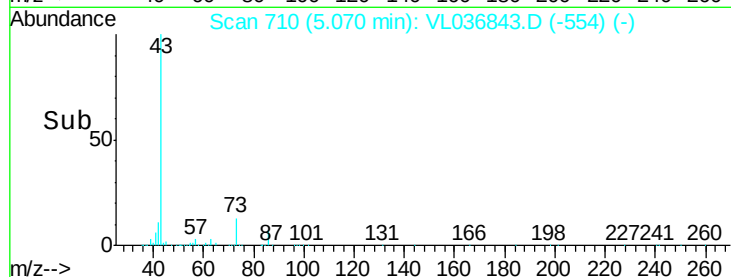
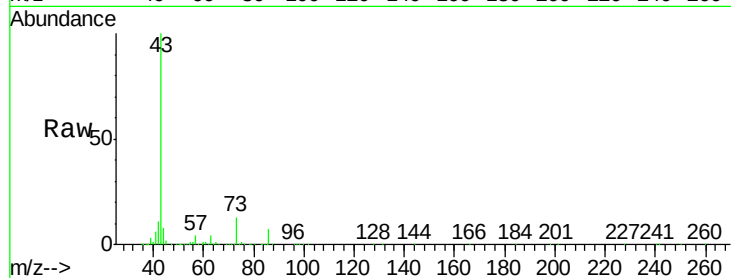


#23
 Vinyl Acetate
 Concen: 1.727 ppbv
 RT: 5.07
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 27 Apr 2021 2:00

Tot Ion:
 Ion Ratio
 43 100
 86 7.
 42 9.
 44 6.8 3.9 5.9#

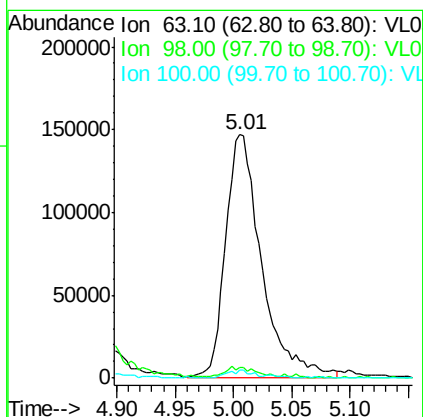
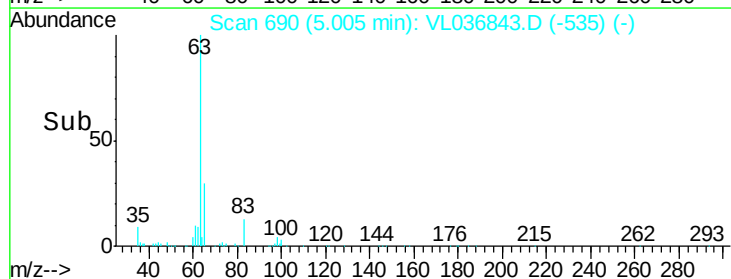
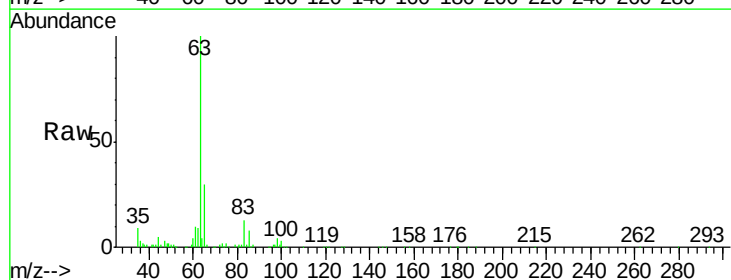
Manual Integrations
 APPROVED

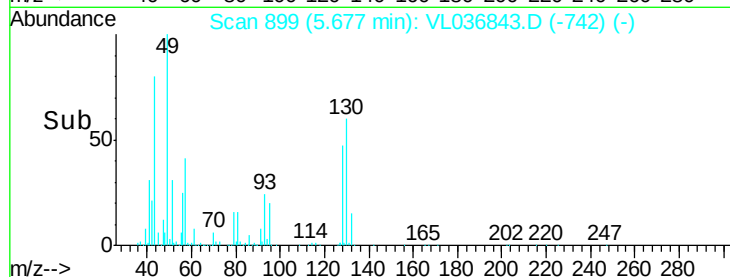
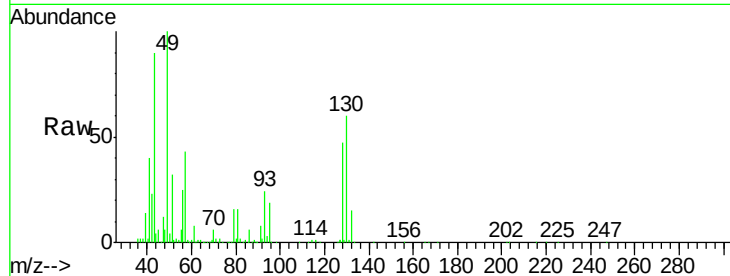
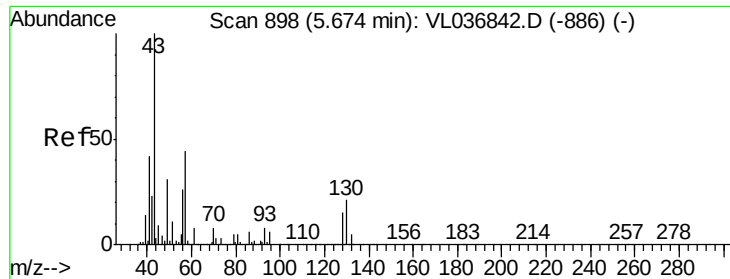
Reviewed By :Semsettin Yesilyurt 04/28/2021
 Supervised By :Mahesh Dadoda 04/29/2021



#24
 1,1-Dichloroethane
 Concen: 1.746 ppbv m
 RT: 5.01 min Scan# 690
 Delta R.T. -0.00 min
 Lab File: VL036843.D
 Acq: 27 Apr 2021 2:06

Tgt Ion: 63 Resp: 315785
 Ion Ratio Lower Upper
 63 100
 98 4.4 1.7 5.1
 100 3.2 1.3 3.8



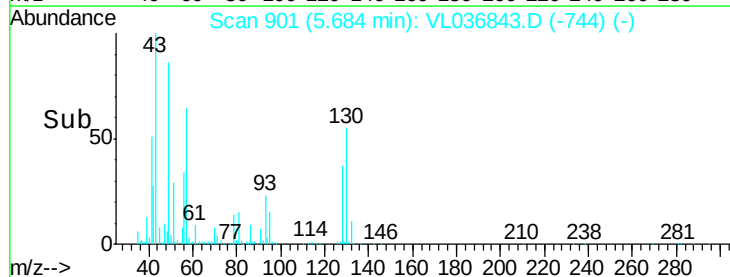
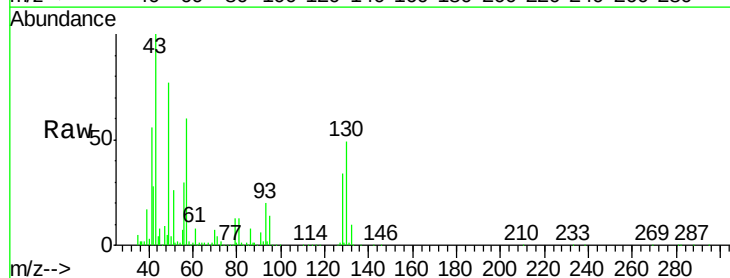
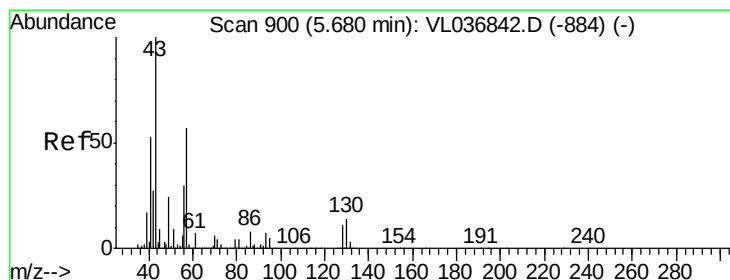
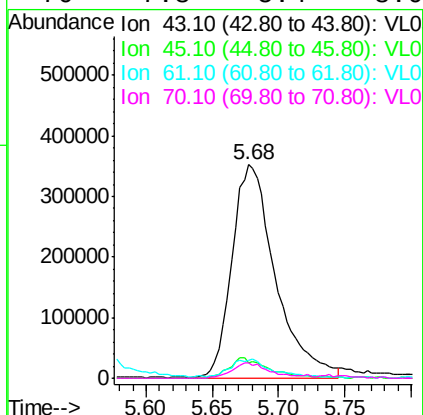


#25
Ethyl Acetate
Concen: 2.193 ppbv
RT: 5.68
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 27 Apr 2021 2:00

Tot Ion:
Ion Ratio
43 100
45 8.
61 9.
70 7.8 5.4 8.0

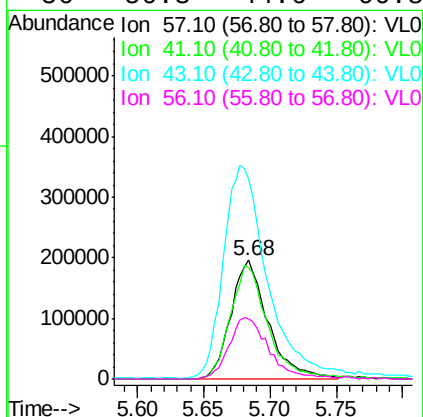
Manual Integrations
APPROVED

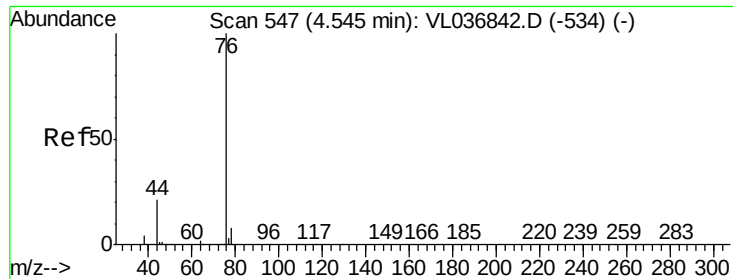
Reviewed By :Semsettin Yesilyurt 04/28/2021
Supervised By :Mahesh Dadoda 04/29/2021



#26
Hexane
Concen: 2.293 ppbv
RT: 5.68 min Scan# 901
Delta R.T.: 0.00 min
Lab File: VL036843.D
Acq: 27 Apr 2021 2:06

Tgt Ion: 57 Resp: 384486
Ion Ratio Lower Upper
57 100
41 97.3 77.7 116.5
43 216.3 180.5 270.7
56 56.3 44.6 66.8



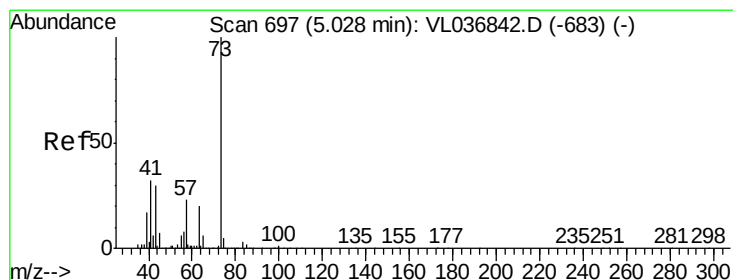
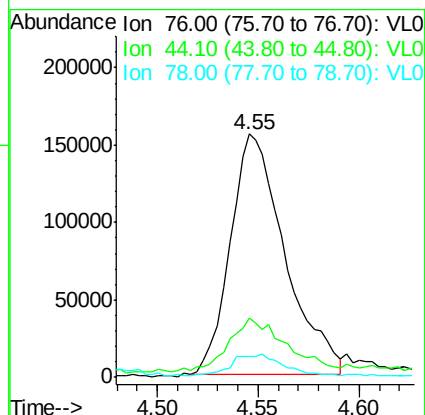
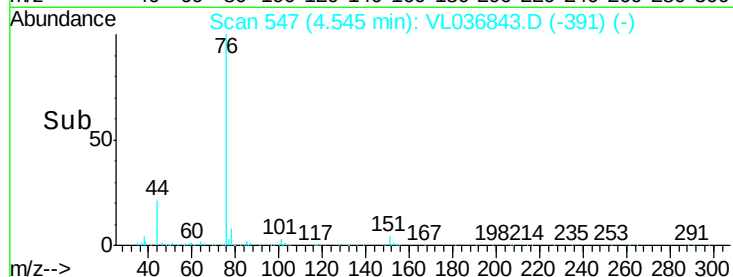
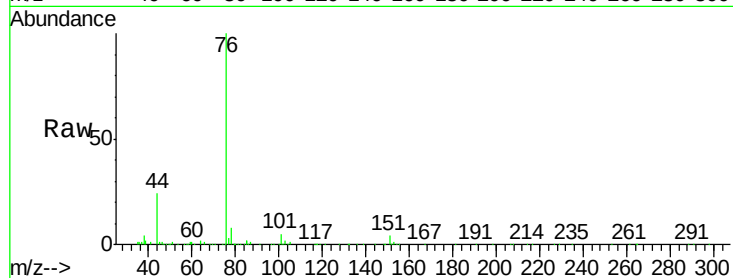


#27
Carbon Disulfide
Concen: 1.781 ppbv
RT: 4.55
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 27 Apr 2021 2:00

Tot Ion:
Ion Ratio
76 100
44 25.
78 11.

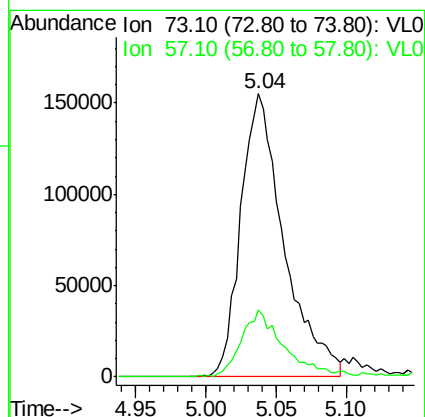
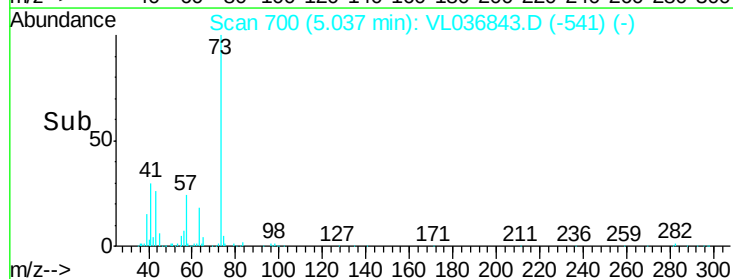
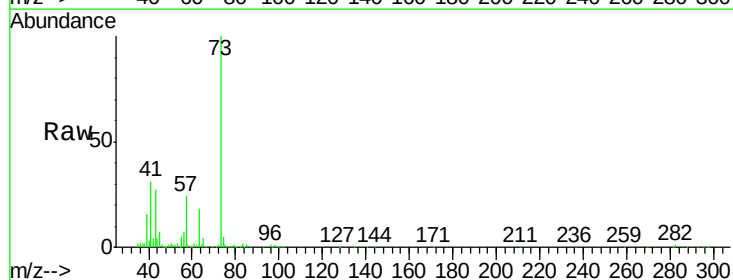
Manual Integrations
APPROVED

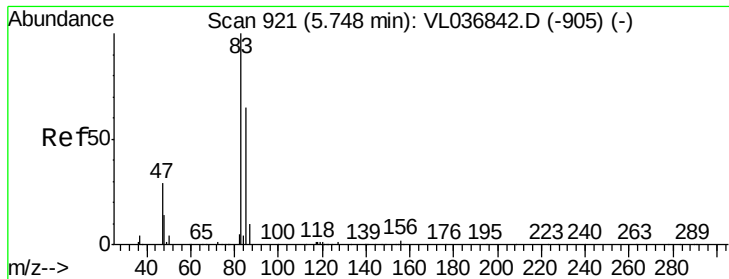
Reviewed By :Semsettin Yesilyurt 04/28/2021
Supervised By :Mahesh Dadoda 04/29/2021



#28
Methyl tert-Butyl Ether
Concen: 1.751 ppbv
RT: 5.04 min Scan# 700
Delta R.T. 0.01 min
Lab File: VL036843.D
Acq: 27 Apr 2021 2:06

Tgt Ion: 73 Resp: 331880
Ion Ratio Lower Upper
73 100
57 24.2 19.0 28.6



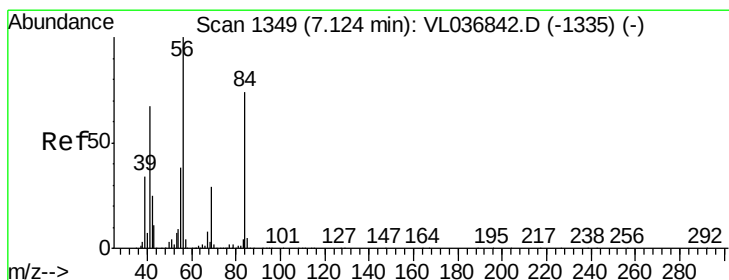
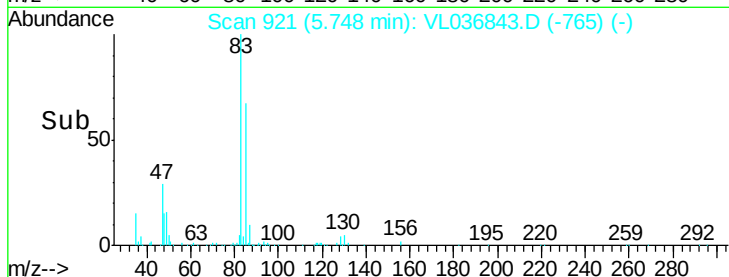
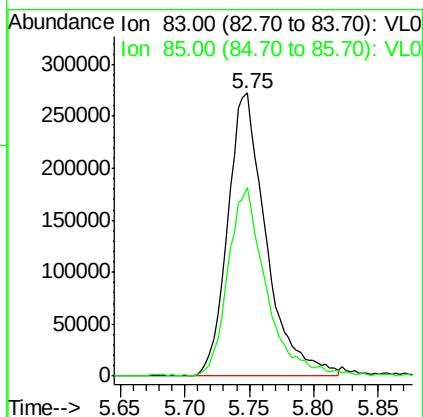
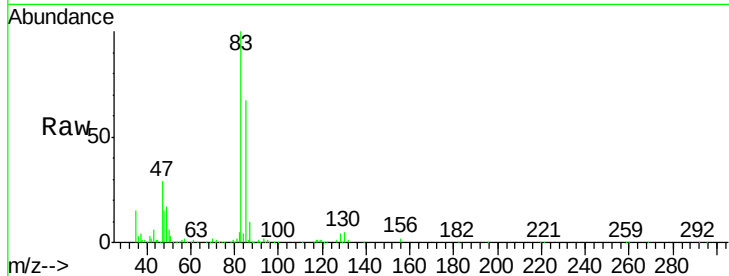


#29
Chloroform
Concen: 2.081 ppbv
RT: 5.75
Instrument: MSVOA_L
Delta R.T.: 0.00
Lab File: ClientSampleId : VSTDIC002
Acq: 27 Apr 2021 2:00

Tot Ion:
Ion Ratio
83 100
85 66.

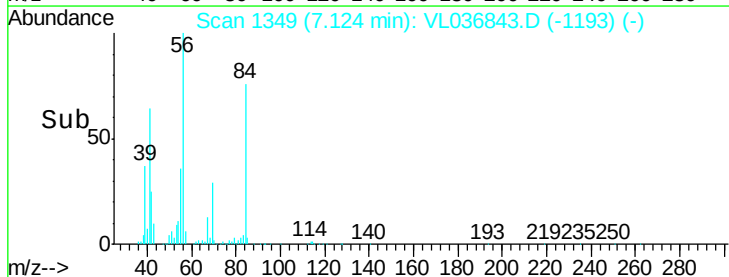
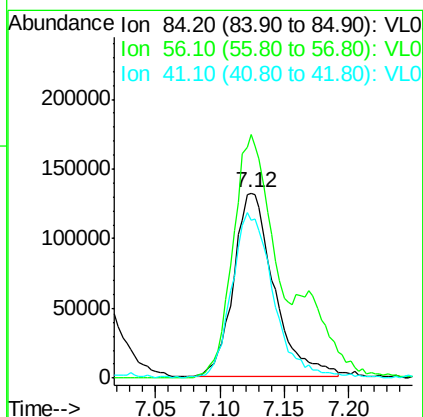
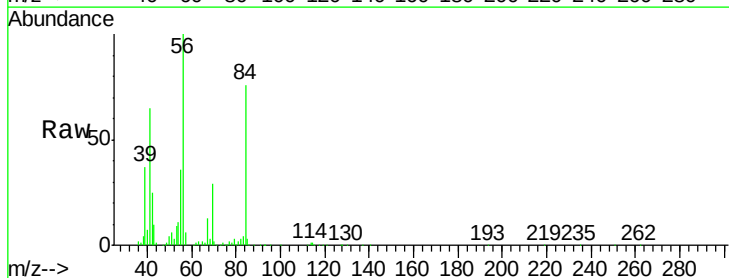
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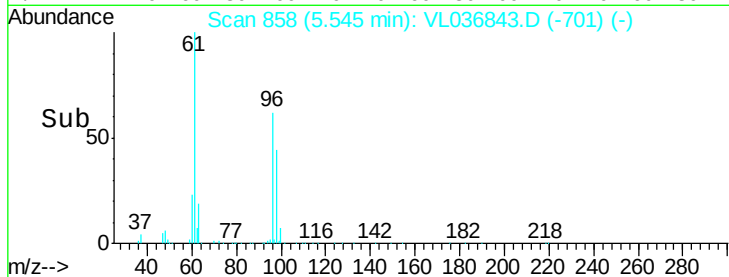
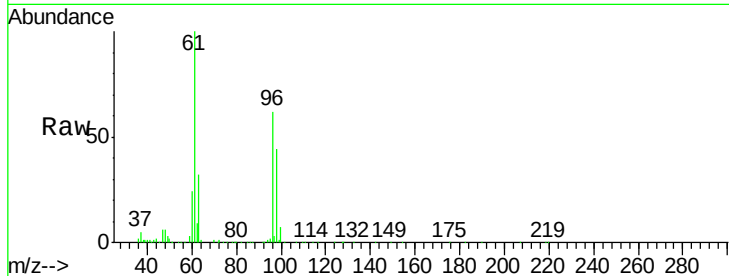
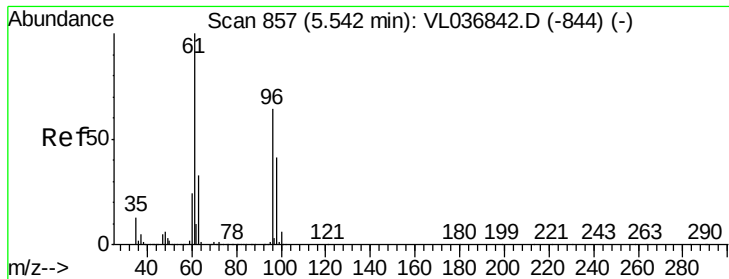
Reviewed By :Semsettin Yesilyurt 04/28/2021
Supervised By :Mahesh Dadoda 04/29/2021



#30
Cyclohexane
Concen: 2.113 ppbv
RT: 7.12 min Scan# 1349
Delta R.T. 0.00 min
Lab File: VL036843.D
Acq: 27 Apr 2021 2:06

Tgt Ion: 84 Resp: 288793
Ion Ratio Lower Upper
84 100
56 170.4 115.8 173.6
41 91.4 74.6 111.8





#31

cis-1,2-Dichloroethene

Concen: 2.049 ppbv

RT: 5.55 Instrument: MSVOA_1

Delta R.T. 0.00

Lab File: ClientSampleId: VSTDIC002

Acq: 27 Apr 2021 2:00

Tot Ion:

Ion Ratio

61 100

96 61.

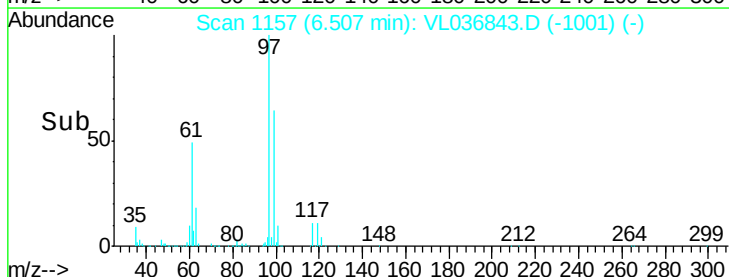
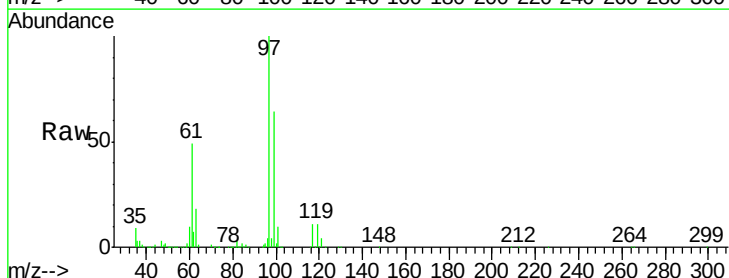
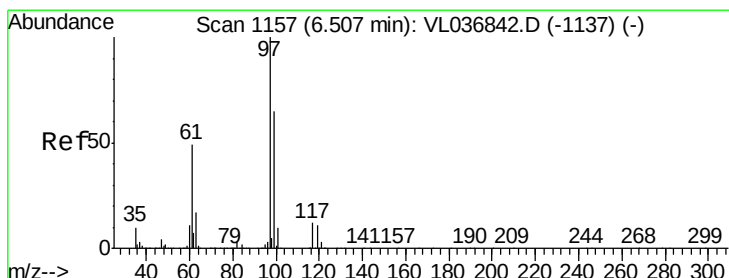
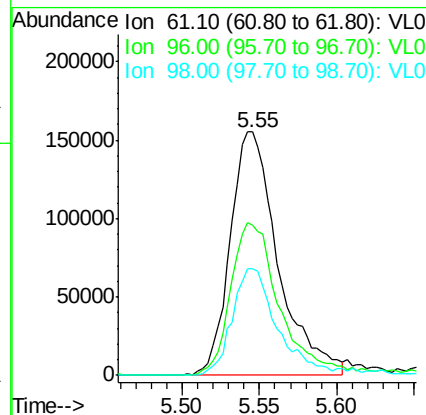
98 43.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2021

Supervised By :Mahesh Dadoda 04/29/2021



#32

1,1,1-Trichloroethane

Concen: 2.052 ppbv

RT: 6.51 min Scan# 1157

Delta R.T. 0.00 min

Lab File: VL036843.D

Acq: 27 Apr 2021 2:06

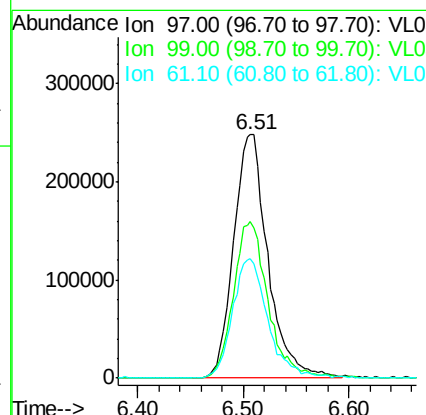
Tgt Ion: 97 Resp: 559779

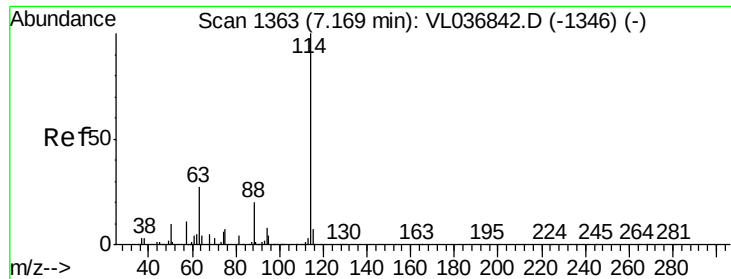
Ion Ratio Lower Upper

97 100

99 65.2 51.8 77.6

61 50.3 40.8 61.2



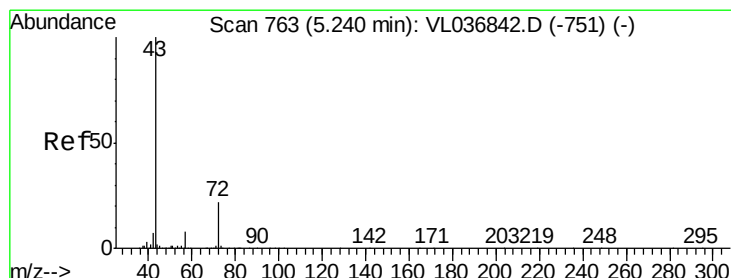
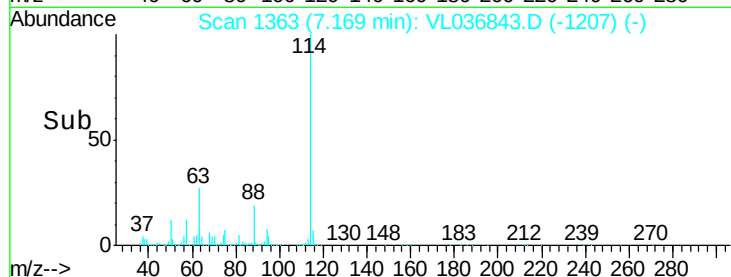
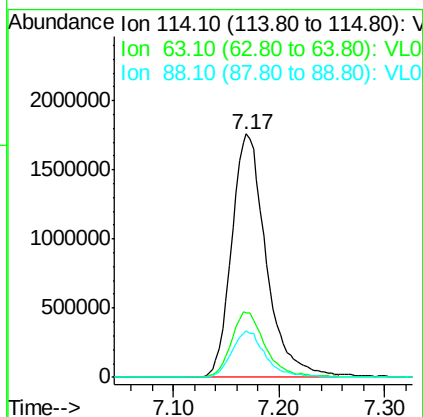
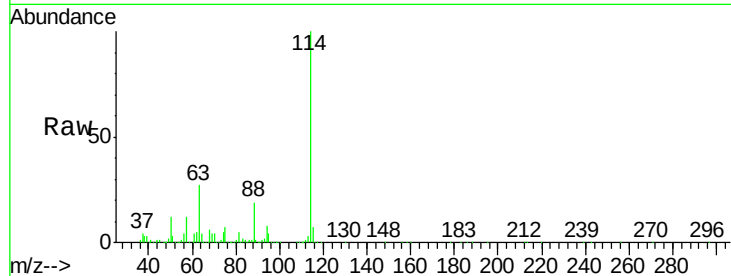


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 27 Apr 2021 2:00

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

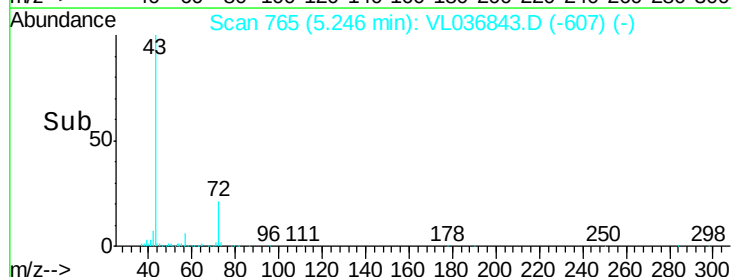
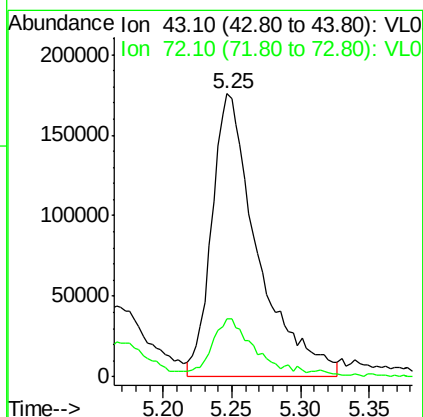
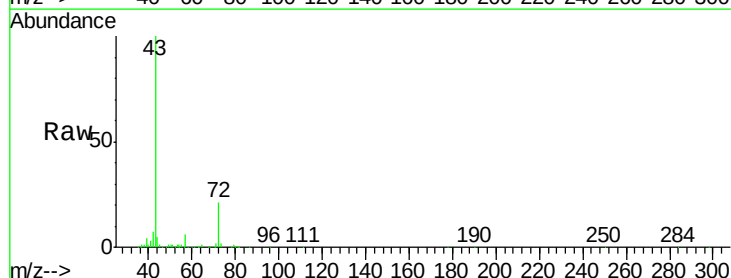
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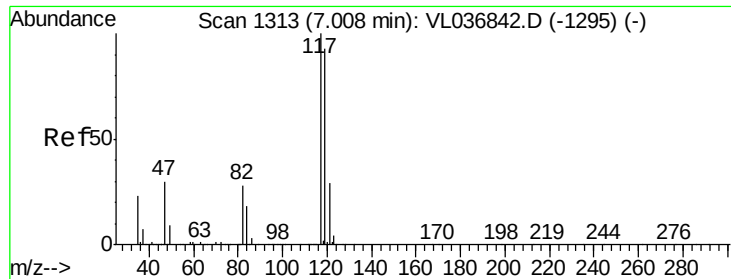
Reviewed By :Semsettin Yesilyurt 04/28/2021
 Supervised By :Mahesh Dadoda 04/29/2021



#34
 2-Butanone
 Concen: 2.143 ppbv m
 RT: 5.25 min Scan# 765
 Delta R.T. 0.01 min
 Lab File: VL036843.D
 Acq: 27 Apr 2021 2:06

Tgt Ion: 43 Resp: 408787
 Ion Ratio Lower Upper
 43 100
 72 21.3 17.5 26.3



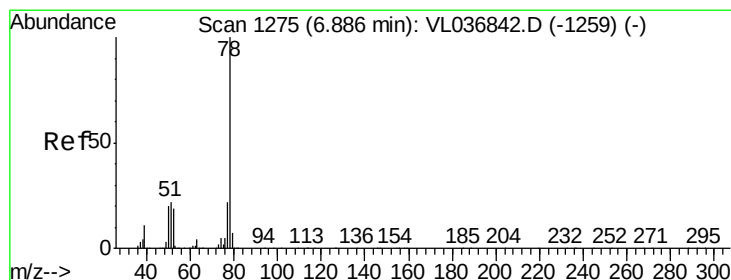
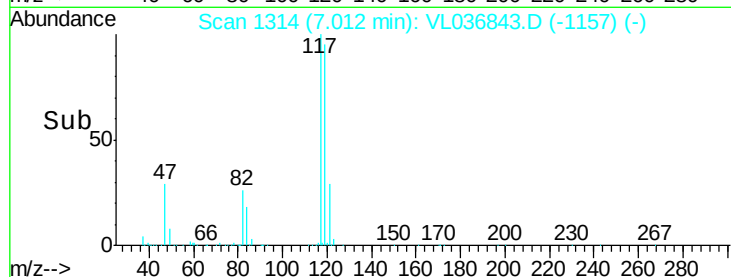
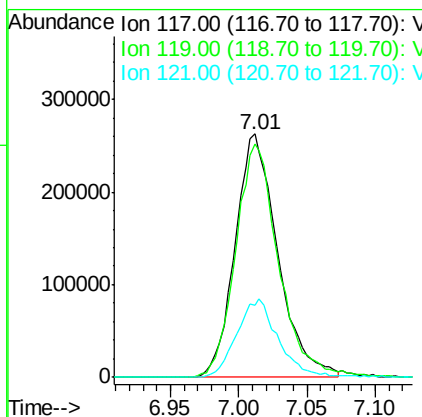
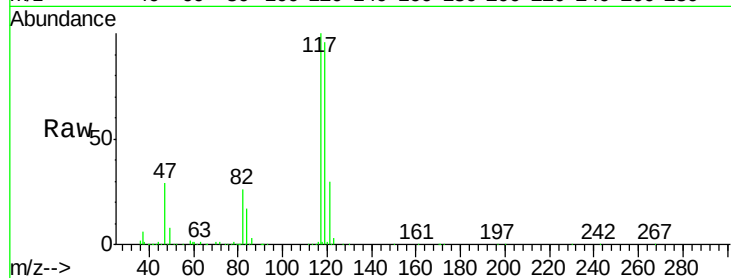


#35
Carbon Tetrachloride
Concen: 1.868 ppbv
RT: 7.01
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
Acq: 27 Apr 2021 2:00

Tot Ion:1
Ion Rati
117 100
119 95.
121 29.

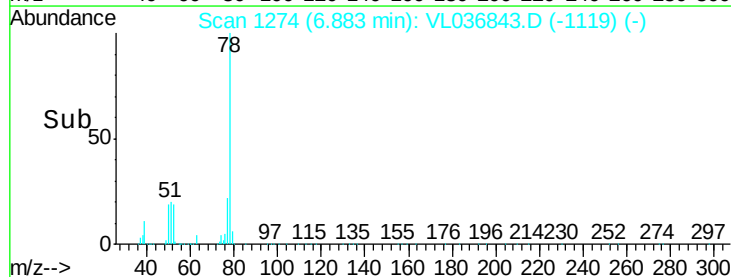
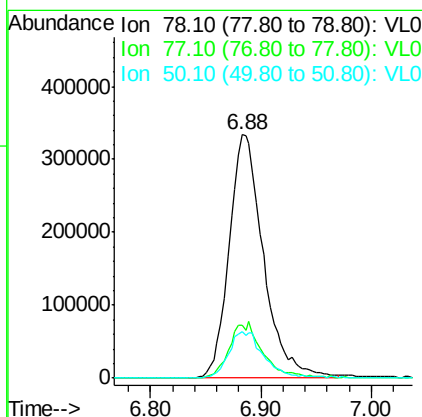
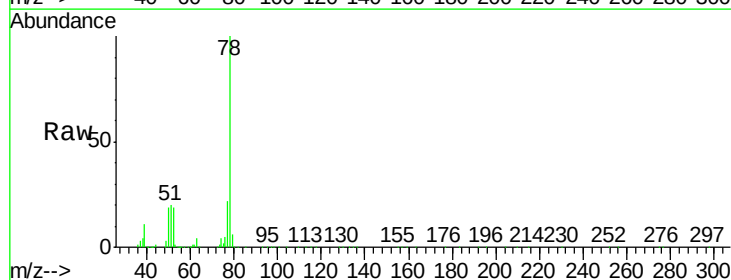
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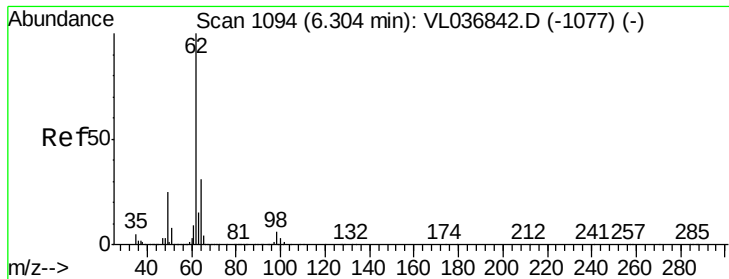
Reviewed By :Semsettin Yesilyurt 04/28/2021
Supervised By :Mahesh Dadoda 04/29/2021



#36
Benzene
Concen: 1.987 ppbv
RT: 6.88 min Scan# 1274
Delta R.T. -0.00 min
Lab File: VL036843.D
Acq: 27 Apr 2021 2:06

Tgt Ion: 78 Resp: 722383
Ion Ratio Lower Upper
78 100
77 21.9 17.6 26.4
50 19.2 16.3 24.5



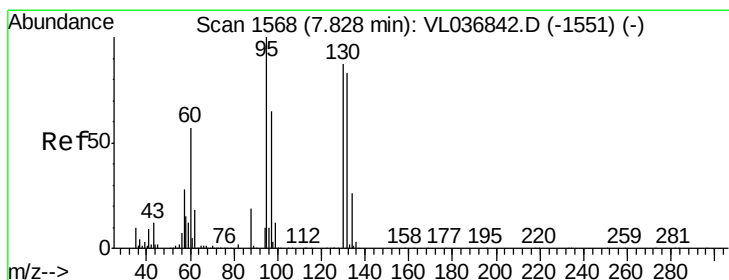
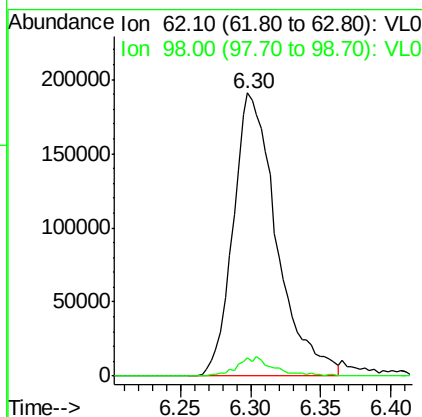
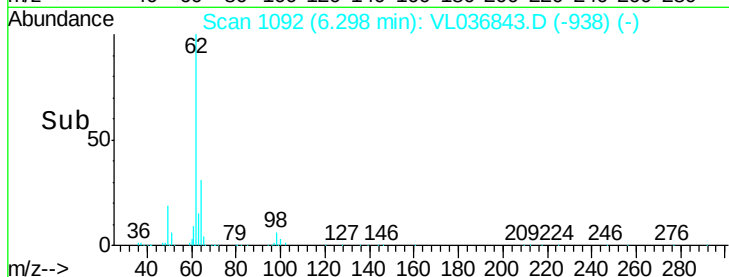
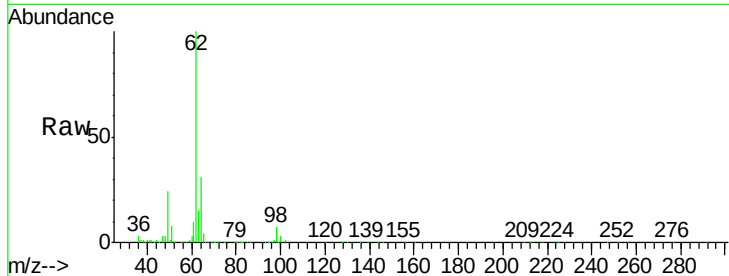


#37
 1,2-Dichloroethane
 Concen: 1.931 ppbv
 RT: 6.30 min
 Instrument: MSVOA_L
 Delta R.T.: 0.00 min
 Lab File: ClientSampleId : VSTDIC002
 Acq: 27 Apr 2021 2:00

Tot Ion:
 Ion Ratio
 62 100
 98 6.

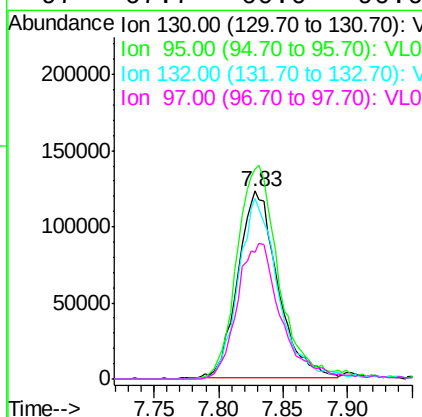
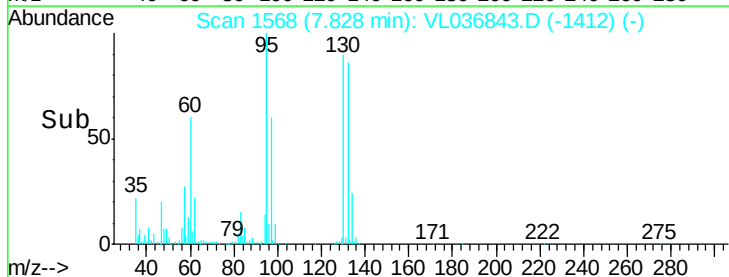
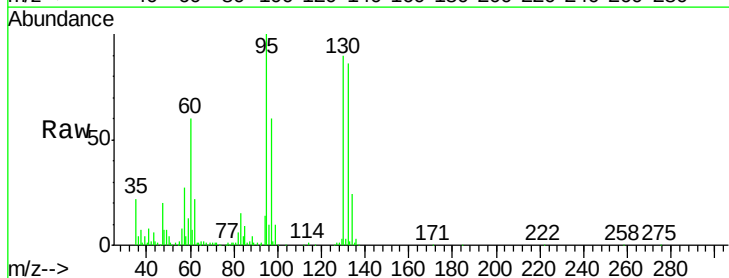
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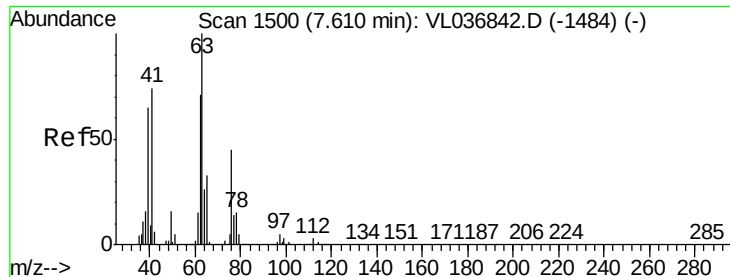
Reviewed By :Semsettin Yesilyurt 04/28/2021
 Supervised By :Mahesh Dadoda 04/29/2021



#38
 Trichloroethene
 Concen: 1.852 ppbv
 RT: 7.83 min Scan# 1568
 Delta R.T.: 0.00 min
 Lab File: VL036843.D
 Acq: 27 Apr 2021 2:06

Tgt Ion:130 Resp: 263921
 Ion Ratio Lower Upper
 130 100
 95 112.3 92.3 138.5
 132 96.5 76.8 115.2
 97 67.7 60.0 90.0



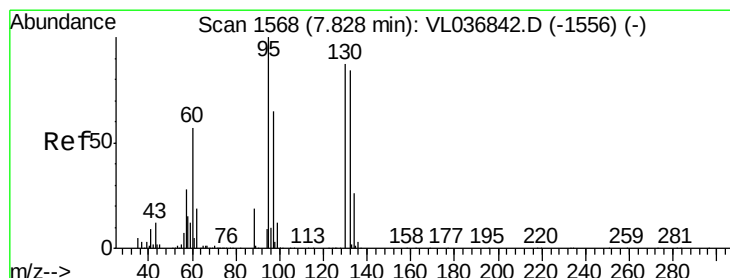
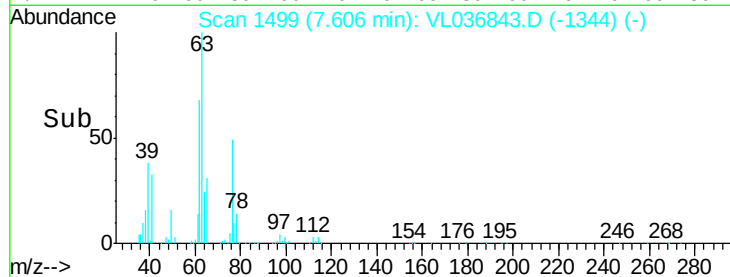
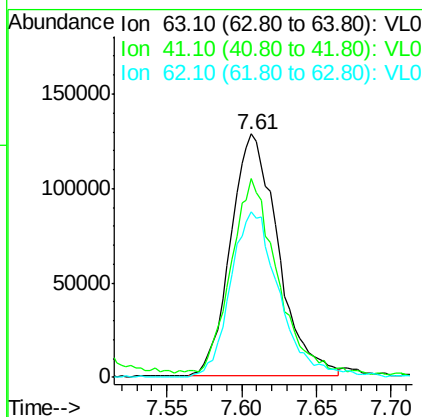
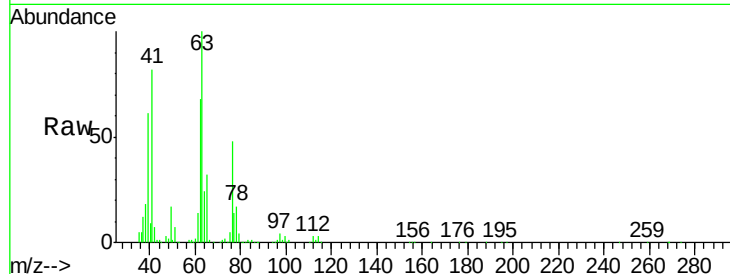


#39
 1,2-Dichloropropane
 Concen: 1.923 ppbv
 RT: 7.61 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 27 Apr 2021 2:00

Tot Ion:
 Ion Ratio
 63 100
 41 79.
 62 68.

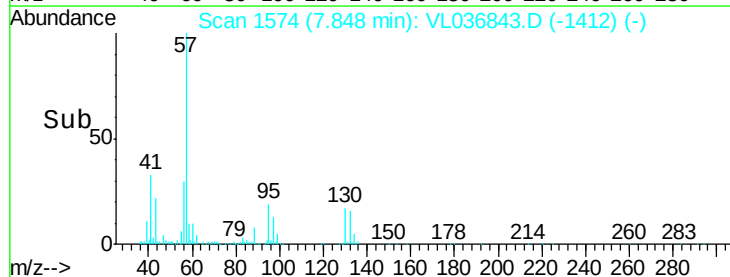
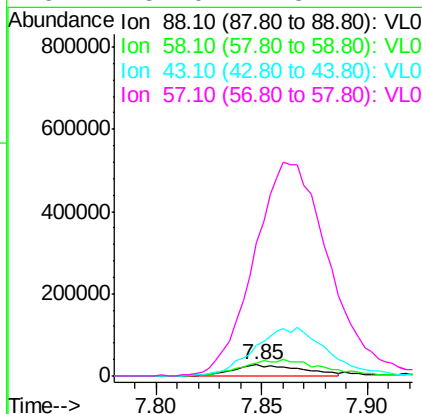
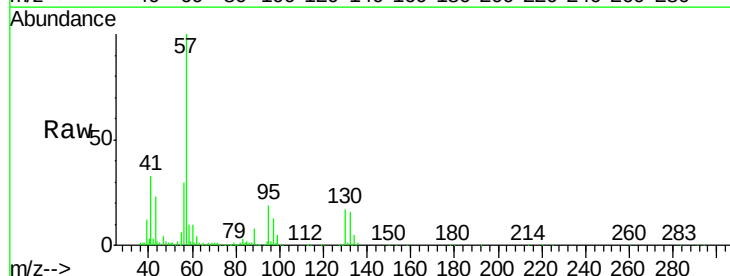
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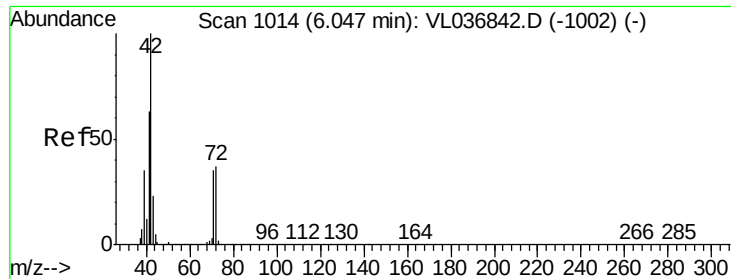
Reviewed By :Semsettin Yesilyurt 04/28/2021
 Supervised By :Mahesh Dadoda 04/29/2021



#40
 1,4-Dioxane
 Concen: 1.696 ppbv
 RT: 7.85 min Scan# 1574
 Delta R.T. 0.02 min
 Lab File: VL036843.D
 Acq: 27 Apr 2021 2:06

Tgt Ion: 88 Resp: 58700
 Ion Ratio Lower Upper
 88 100
 58 192.6 129.8 194.8
 43 491.2 326.5 489.7#
 57 2231.9 1428.2 2142.4#



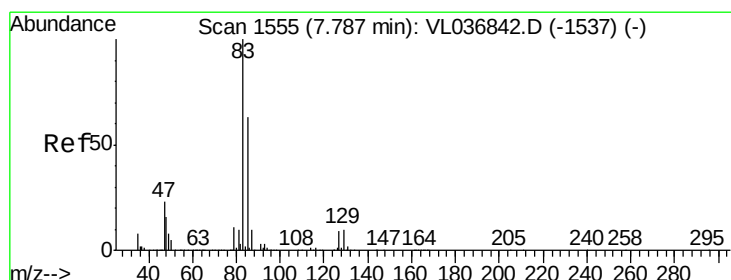
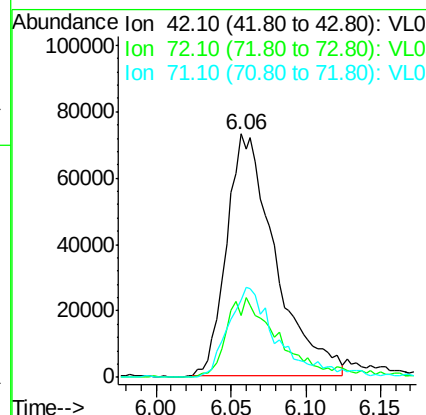
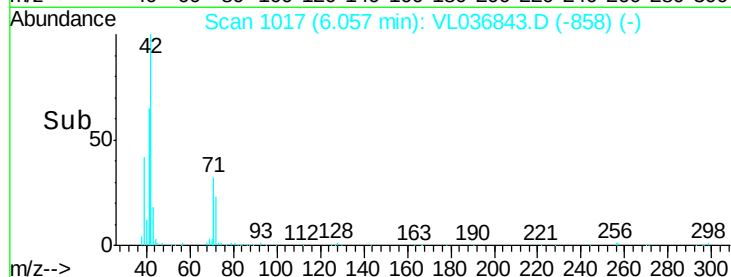
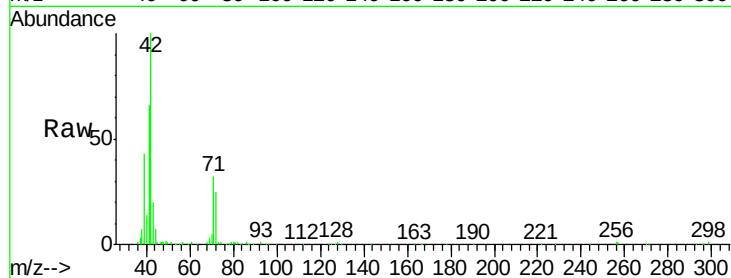


#41
Tetrahydrofuran
Concen: 1.894 ppbv
RT: 6.06
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 27 Apr 2021 2:00

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

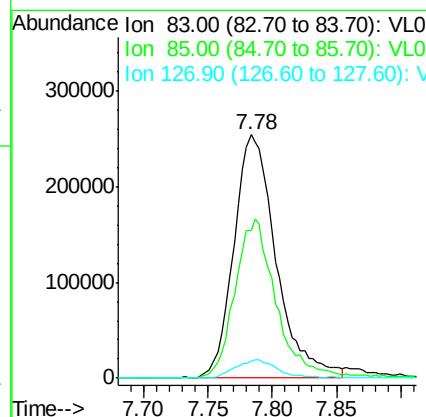
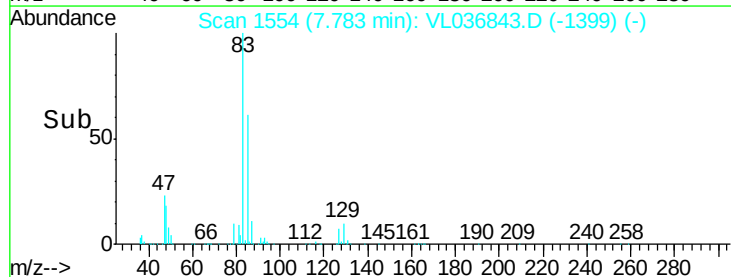
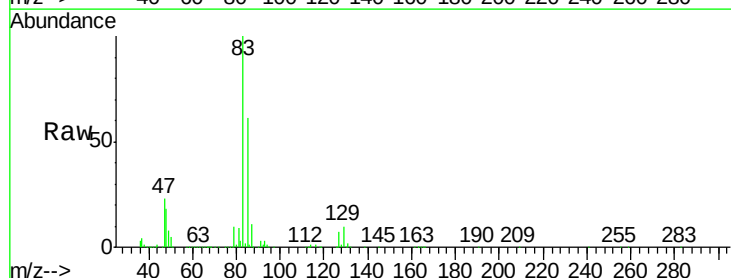
Manual Integrations
APPROVED

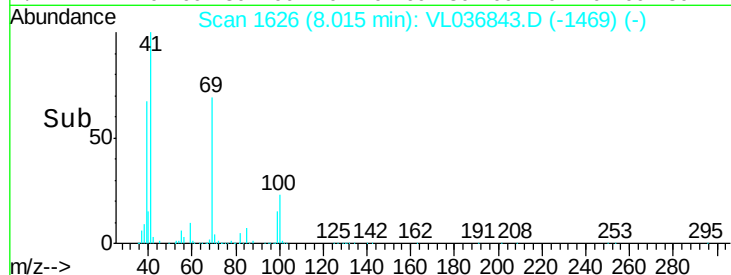
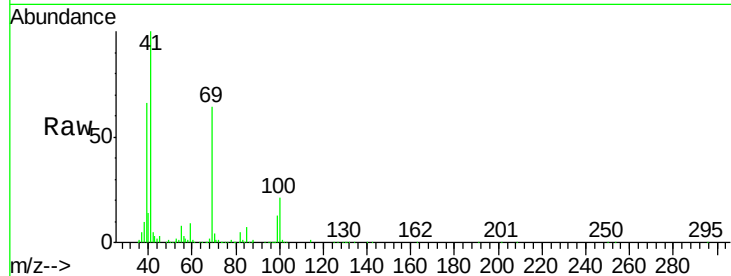
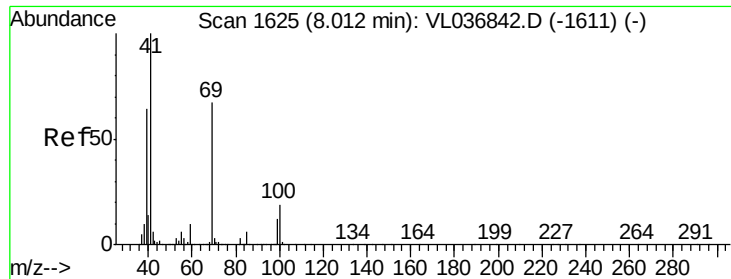
Reviewed By :Semsettin Yesilyurt 04/28/2021
Supervised By :Mahesh Dadoda 04/29/2021



#42
Bromodichloromethane
Concen: 1.990 ppbv
RT: 7.78 min Scan# 1554
Delta R.T. -0.00 min
Lab File: VL036843.D
Acq: 27 Apr 2021 2:06

Tgt Ion: 83 Resp: 576502
Ion Ratio Lower Upper
83 100
85 60.5 50.4 75.6
127 7.1 6.9 10.3





#43

Methyl Methacrylate

Concen: 1.973 ppbv

RT: 8.01

Instrument: MSVOA_1

Delta R.T.:

Lab File: ClientSampleId:

Acq: 27 Apr 2021 2:00

Tot Ion:

Ion Ratio

69 100

41 158.

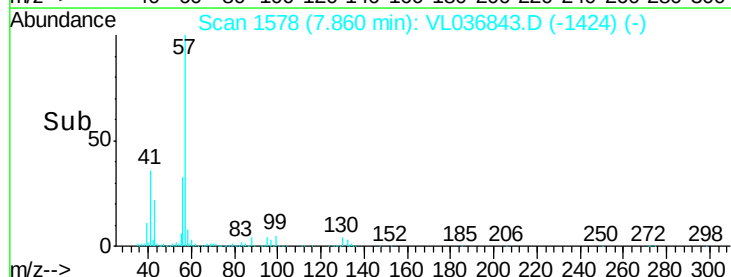
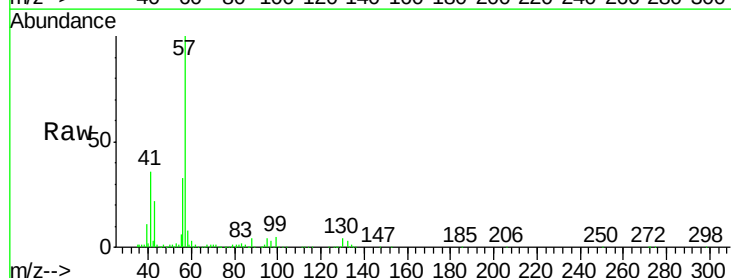
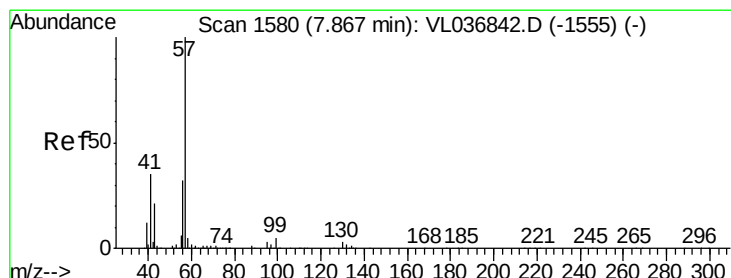
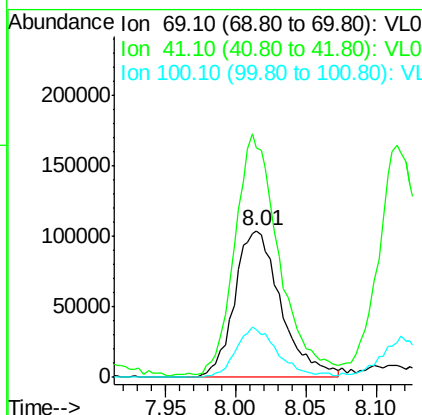
100 31.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2021

Supervised By :Mahesh Dadoda 04/29/2021



#44

2,2,4-Trimethylpentane

Concen: 2.011 ppbv

RT: 7.86 min Scan# 1578

Delta R.T. -0.01 min

Lab File: VL036843.D

Acq: 27 Apr 2021 2:06

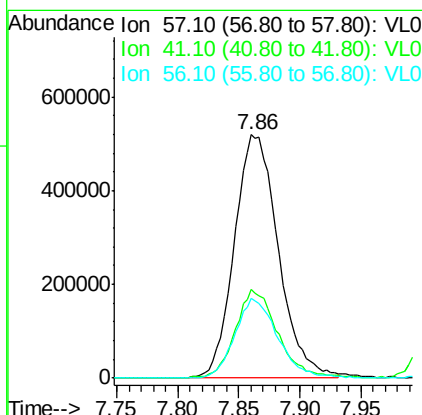
Tgt Ion: 57 Resp: 1289700

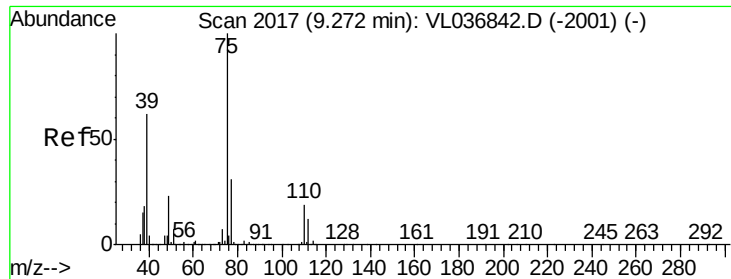
Ion Ratio Lower Upper

57 100

41 35.2 28.3 42.5

56 32.1 25.9 38.9





#45

t-1,3-Dichloropropene

Concen: 1.796 ppbv

RT: 9.27 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 27 Apr 2021 2:00

Tot Ion:

Ion Ratio

75 100

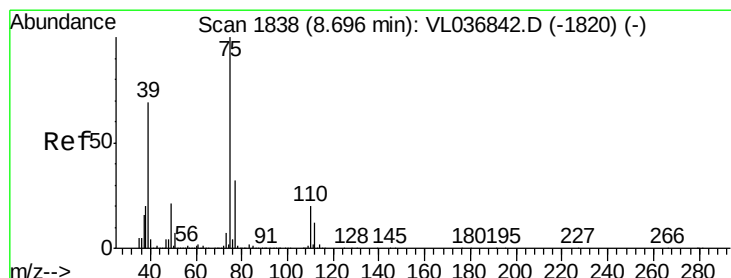
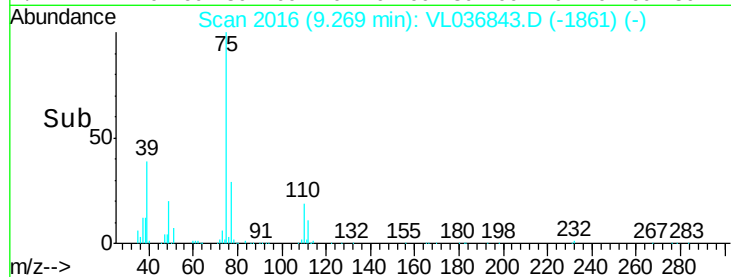
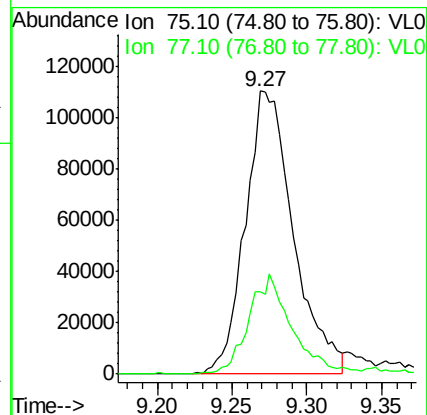
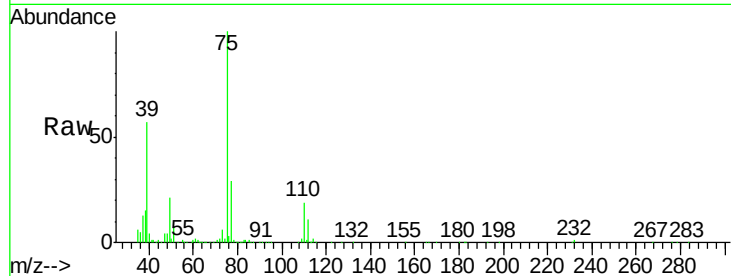
77 29.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2021

Supervised By :Mahesh Dadoda 04/29/2021



#46

cis-1,3-Dichloropropene

Concen: 1.841 ppbv

RT: 8.70 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VL036843.D

Acq: 27 Apr 2021 2:06

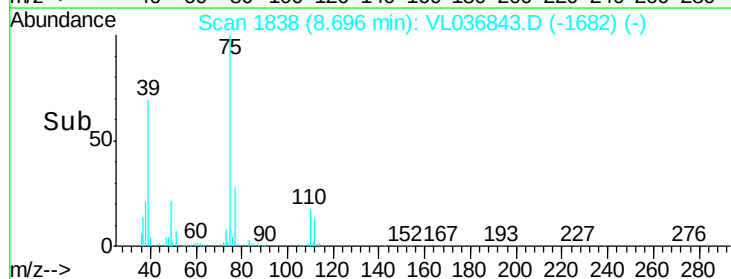
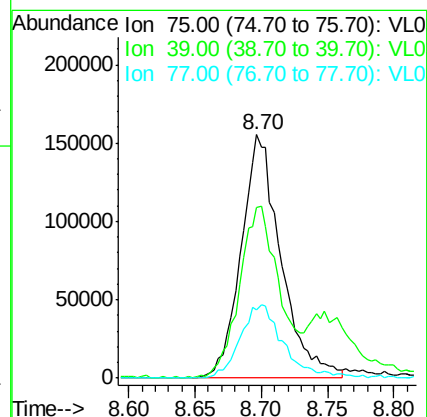
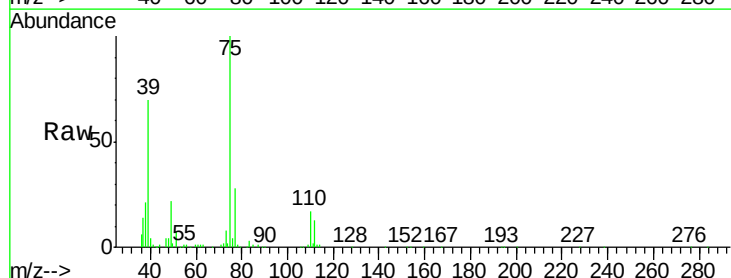
Tgt Ion: 75 Resp: 324409

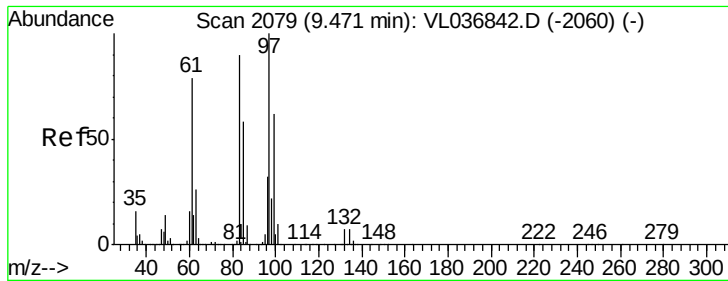
Ion Ratio Lower Upper

75 100

39 69.6 55.4 83.0

77 28.1 25.2 37.8



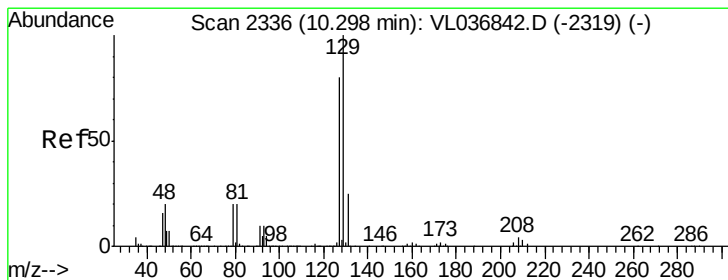
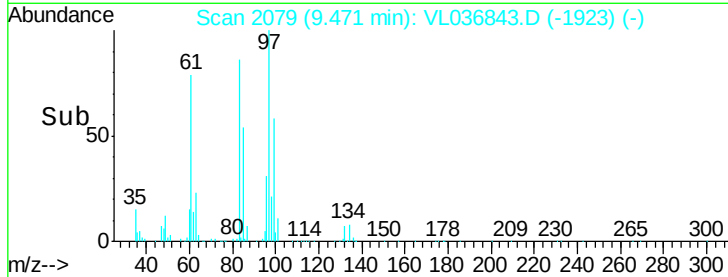
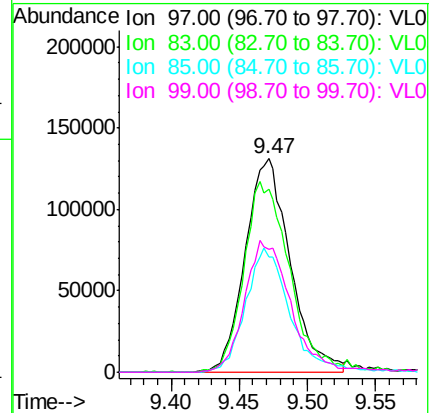
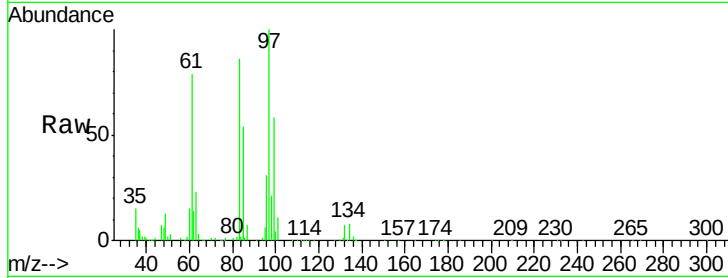


#47
 1,1,2-Trichloroethane
 Concen: 2.002 ppbv
 RT: 9.47 min
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 27 Apr 2021 2:00

Tot Ion:
 Ion Ratio
 97 100
 83 85.
 85 53.
 99 57.4 49.8 74.8

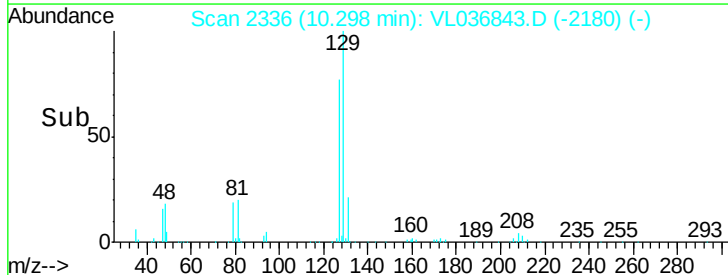
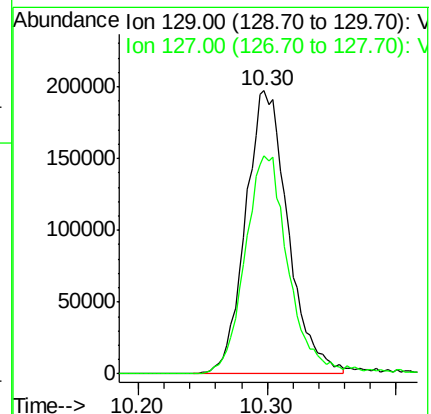
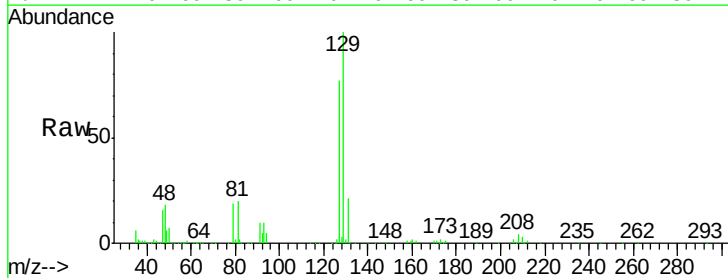
Manual Integrations
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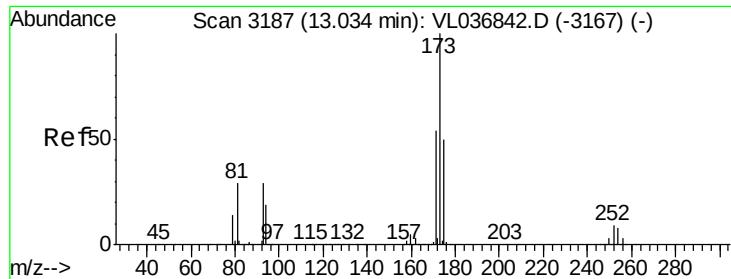
Reviewed By :Semsettin Yesilyurt 04/28/2021
 Supervised By :Mahesh Dadoda 04/29/2021



#48
 Dibromochloromethane
 Concen: 1.989 ppbv
 RT: 10.30 min Scan# 2336
 Delta R.T.: 0.00 min
 Lab File: VL036843.D
 Acq: 27 Apr 2021 2:06

Tgt Ion:129 Resp: 451924
 Ion Ratio Lower Upper
 129 100
 127 80.0 40.2 120.5





#49

Bromoform

Concen: 1.924 ppbv

RT: 13.03

Delta R.T.

Lab File:

Acq: 27 Apr 2021

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002

2.00

Tot Ion:1

Ion Rati

173 100

175 52.

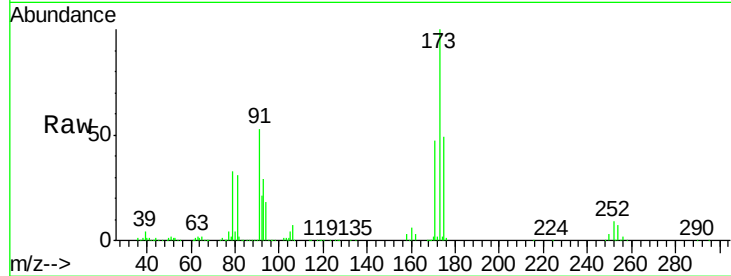
171 54.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2021

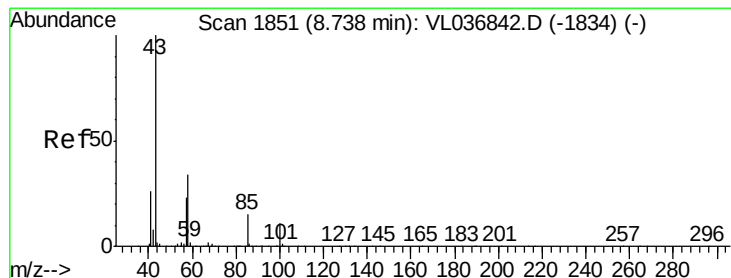
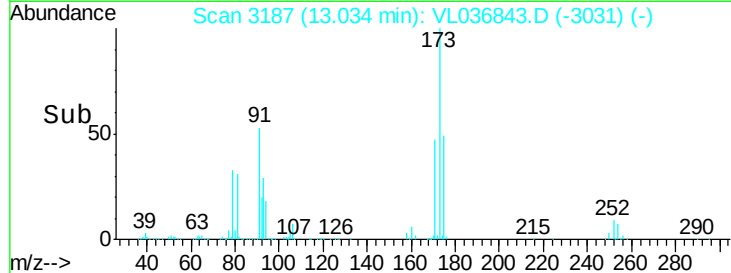
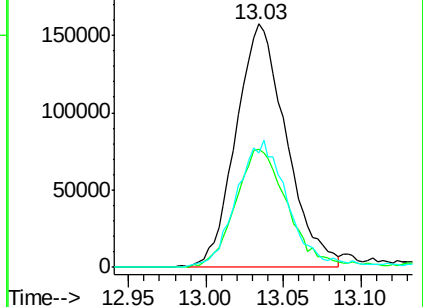
Supervised By :Mahesh Dadoda 04/29/2021



Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 170.90 (170.60 to 171.60): V



#50

4-Methyl-2-Pentanone

Concen: 1.894 ppbv

RT: 8.75 min Scan# 1854

Delta R.T. 0.01 min

Lab File: VL036843.D

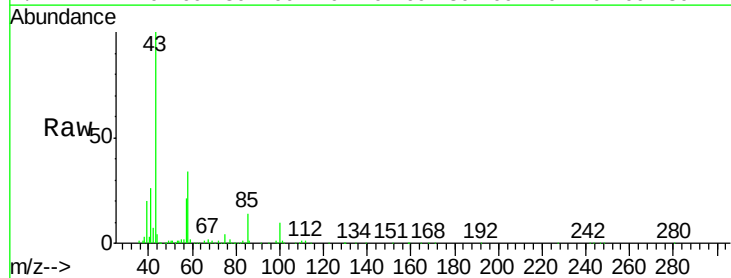
Acq: 27 Apr 2021 2:06

Tgt Ion: 43 Resp: 521783

Ion Ratio Lower Upper

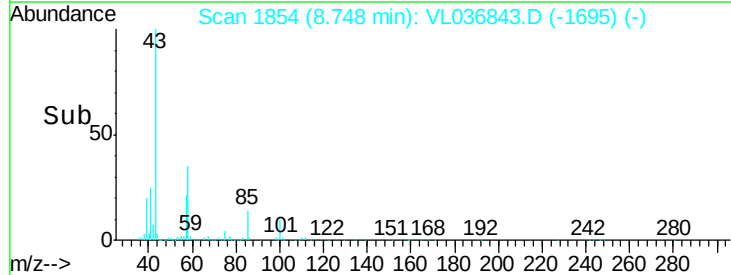
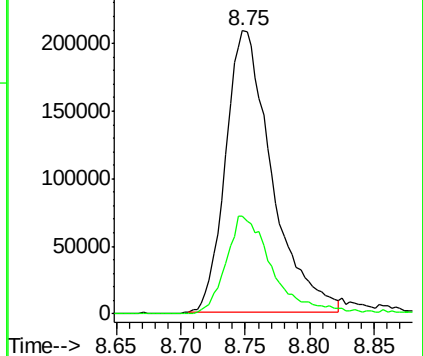
43 100

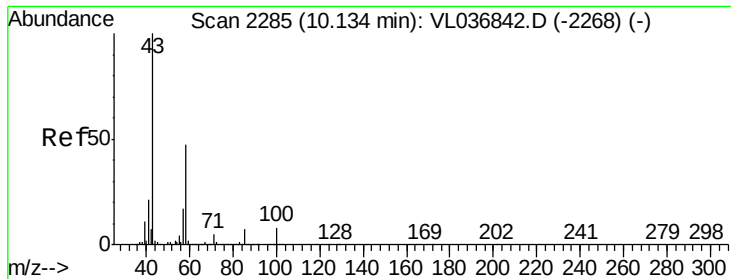
58 35.6 27.8 41.8



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



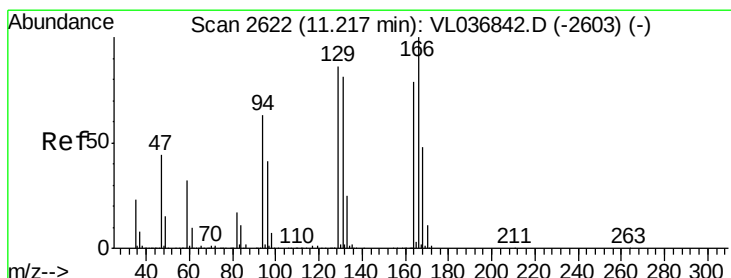
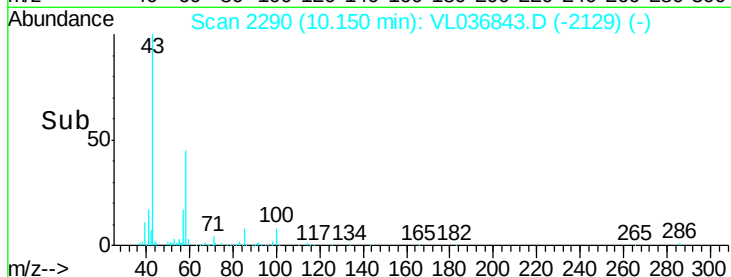
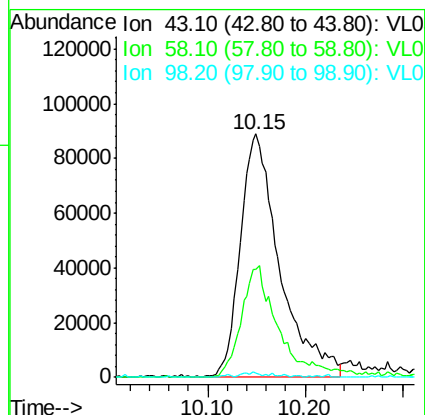
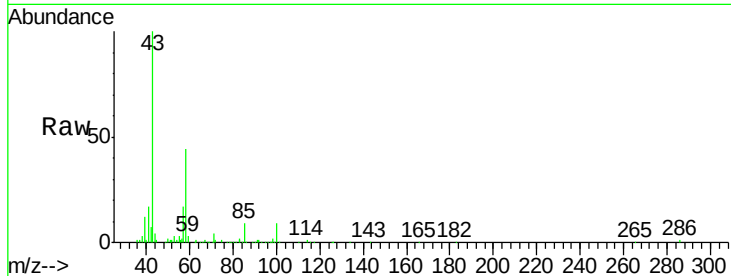


#51
2-Hexanone
Concen: 1.824 ppbv m
RT: 10.15
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
Acq: 27 Apr 2021 2:00

Tot Ion:
Ion Ratio
43 100
58 44.
98 1.

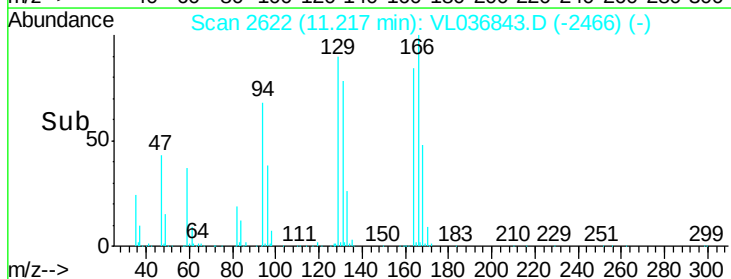
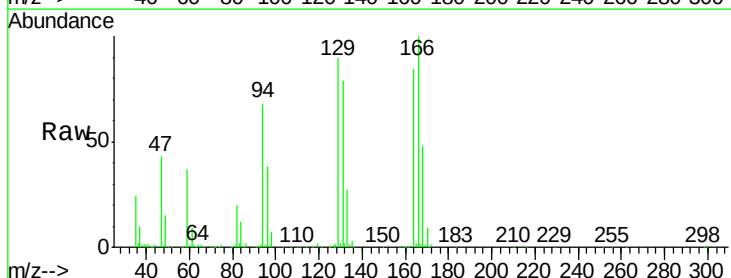
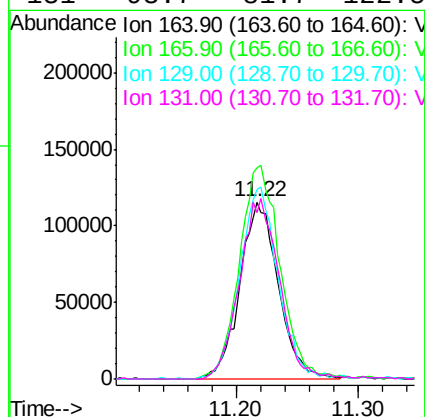
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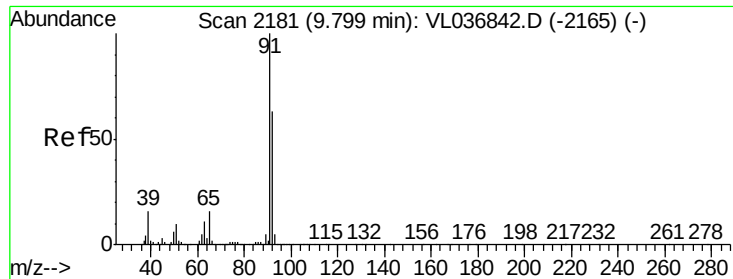
Reviewed By :Semsettin Yesilyurt 04/28/2021
Supervised By :Mahesh Dadoda 04/29/2021



#52
Tetrachloroethene
Concen: 1.870 ppbv
RT: 11.22 min Scan# 2622
Delta R.T. 0.00 min
Lab File: VL036843.D
Acq: 27 Apr 2021 2:06

Tgt Ion:164 Resp: 251379
Ion Ratio Lower Upper
164 100
166 119.4 100.9 151.3
129 107.3 87.0 130.4
131 93.7 81.7 122.5





#53

Toluene

Concen: 2.027 ppbv

RT: 9.80 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 27 Apr 2021 2:00 VSTDIC002

Tot Ion:

Ion Ratio

91 100

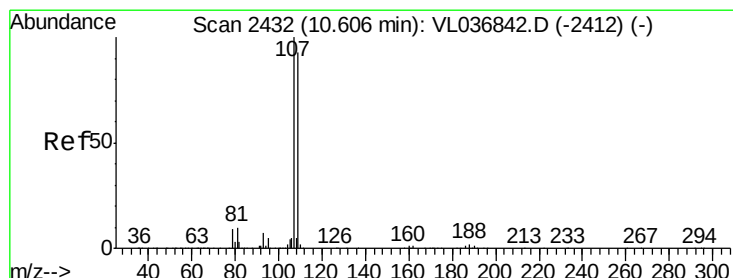
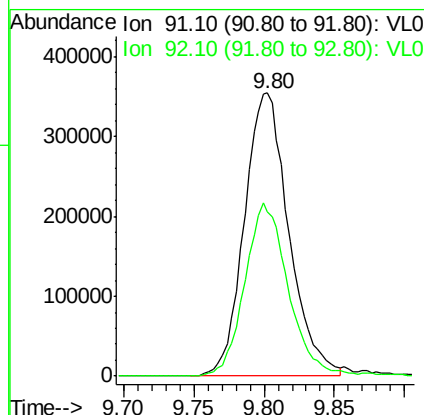
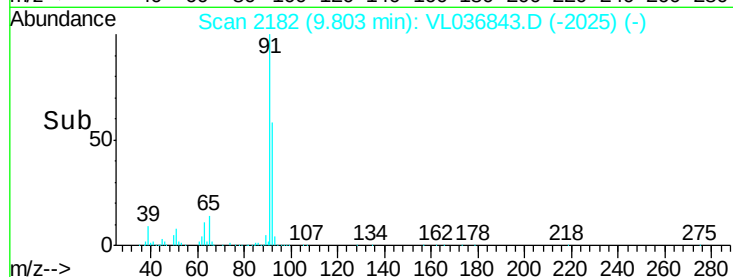
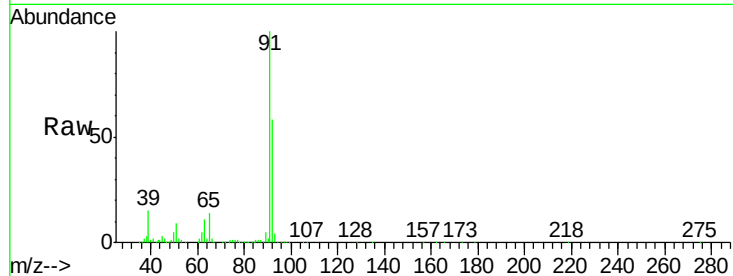
92 60.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2021

Supervised By :Mahesh Dadoda 04/29/2021



#54

1,2-Dibromoethane

Concen: 1.980 ppbv

RT: 10.60 min Scan# 2431

Delta R.T. -0.00 min

Lab File: VL036843.D

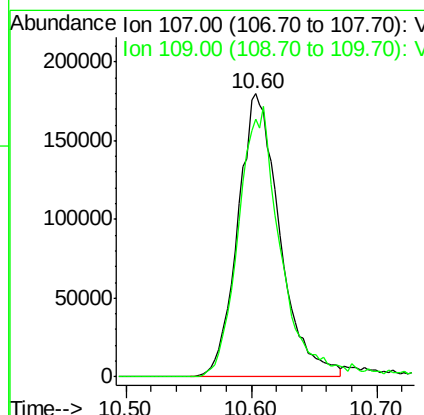
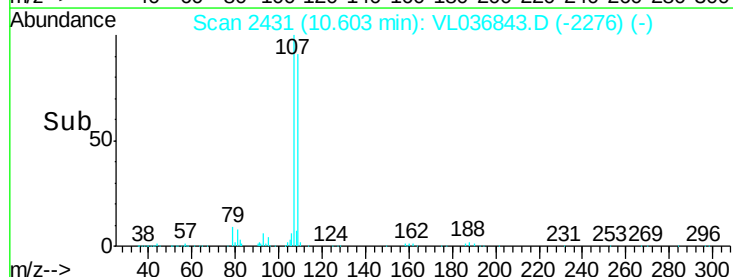
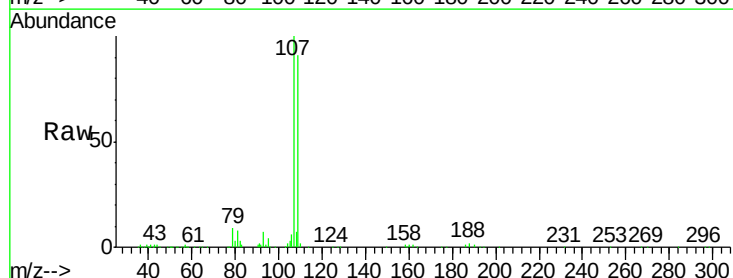
Acq: 27 Apr 2021 2:06

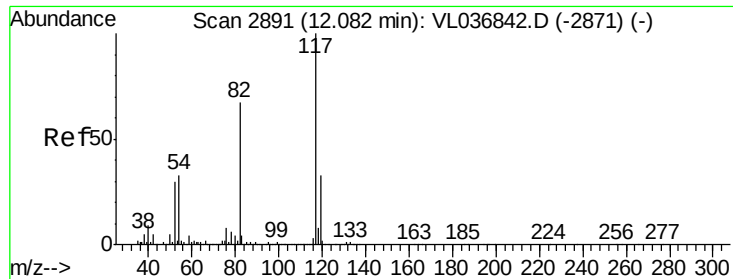
Tgt Ion:107 Resp: 417574

Ion Ratio Lower Upper

107 100

109 91.0 74.7 112.1



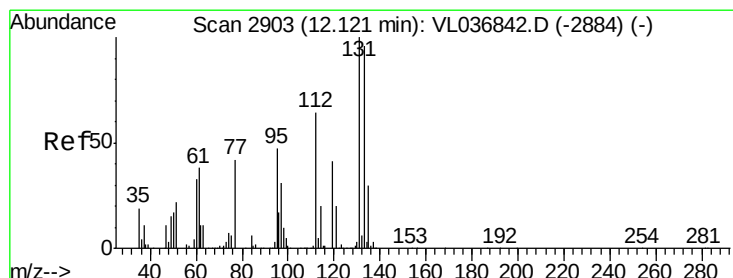
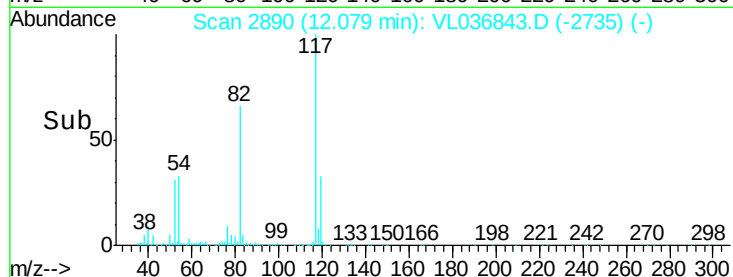
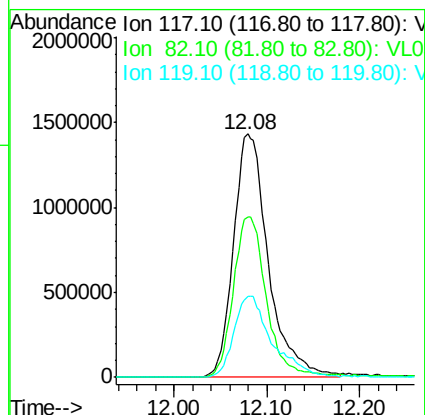
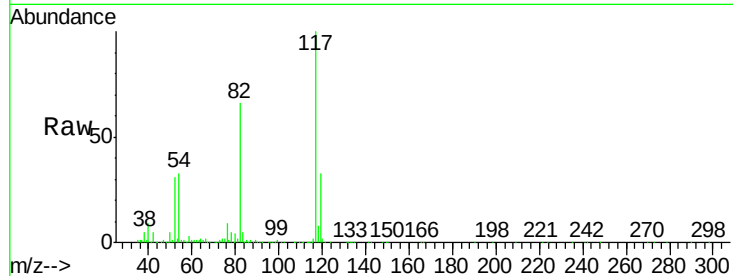


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min
Instrument: MSVOA_1
Delta R.T.: 0.00 min
Lab File: ClientSampleId : VSTDIC002
Acq: 27 Apr 2021 2:00

Tot Ion: 1
Ion Ratio
117 100
82 64.
119 37.

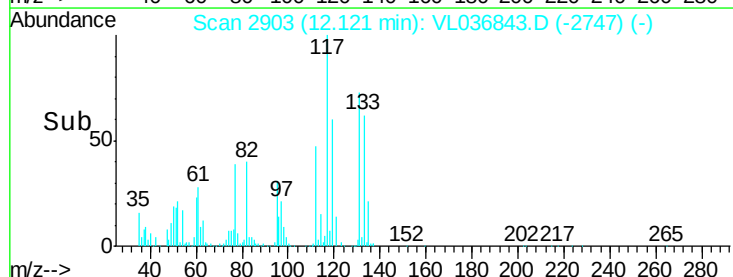
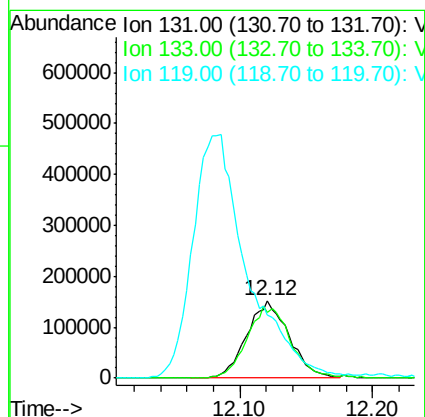
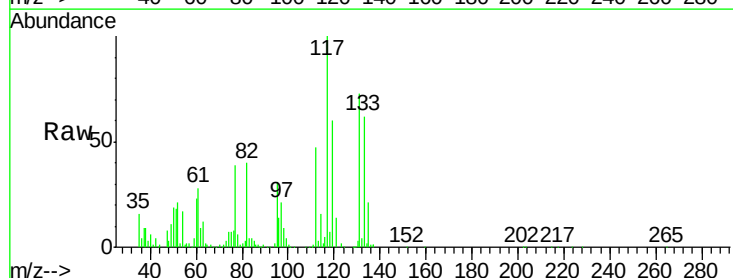
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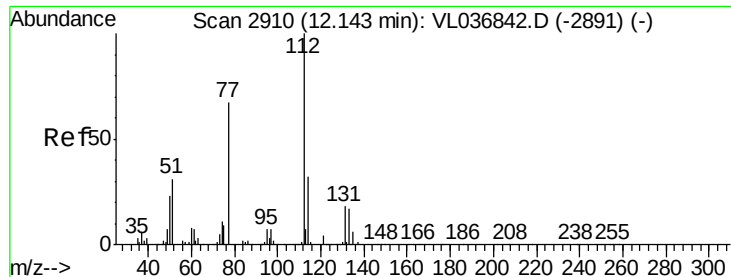
Reviewed By : Semsettin Yesilyurt 04/28/2021
Supervised By : Mahesh Dadoda 04/29/2021



#56
1,1,1,2-Tetrachloroethane
Concen: 2.018 ppbv
RT: 12.12 min Scan# 2903
Delta R.T.: 0.00 min
Lab File: VL036843.D
Acq: 27 Apr 2021 2:06

Tgt Ion: 131 Resp: 335306
Ion Ratio Lower Upper
131 100
133 96.8 76.2 114.4
119 414.8 114.6 171.8#





#57

Chlorobenzene

Concen: 2.012 ppbv

RT: 12.14 min

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 27 Apr 2021 2:00

Tot Ion:1

Ion Ratio

112 100

77 65.

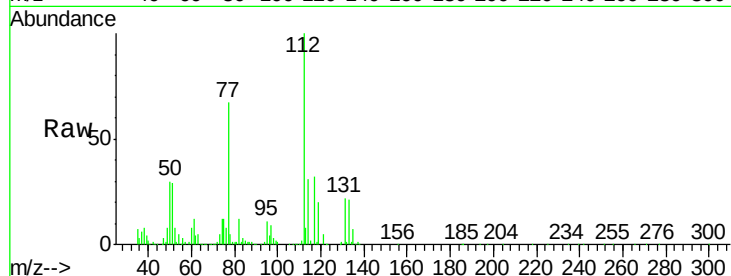
114 30.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/28/2021

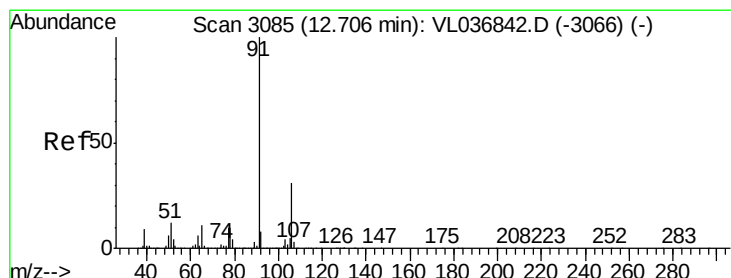
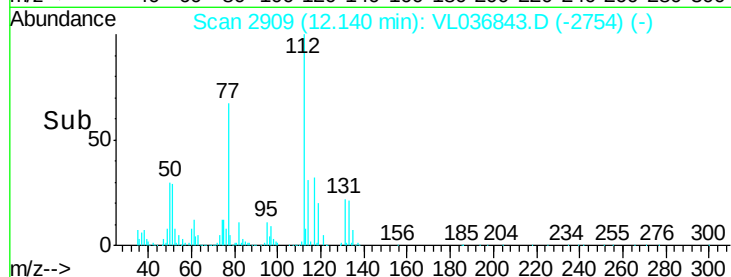
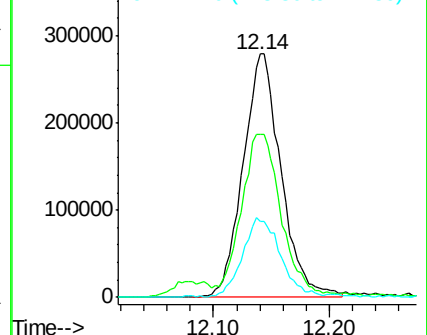
Supervised By :Mahesh Dadoda 04/29/2021



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 77.10 (76.80 to 77.80): VL0

Ion 114.10 (113.80 to 114.80): V



#58

Ethyl Benzene

Concen: 1.989 ppbv

RT: 12.70 min Scan# 3084

Delta R.T. -0.00 min

Lab File: VL036843.D

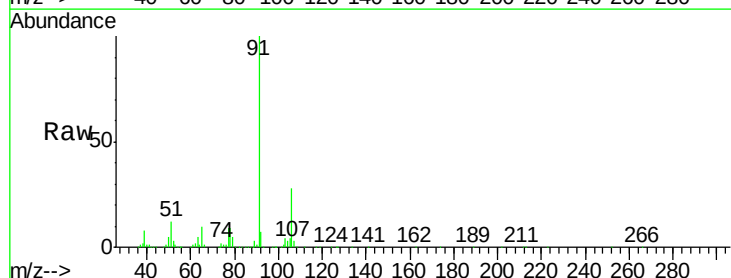
Acq: 27 Apr 2021 2:06

Tgt Ion: 91 Resp: 1061231

Ion Ratio Lower Upper

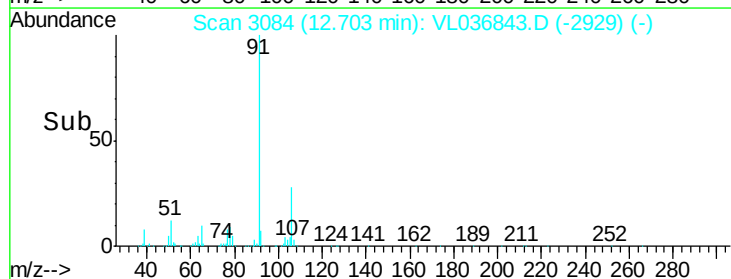
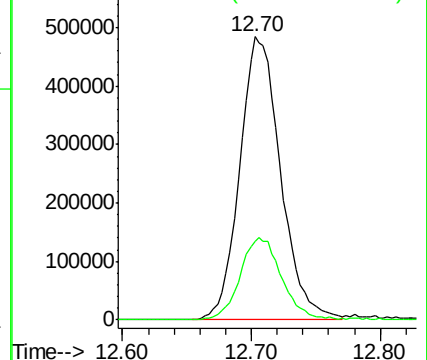
91 100

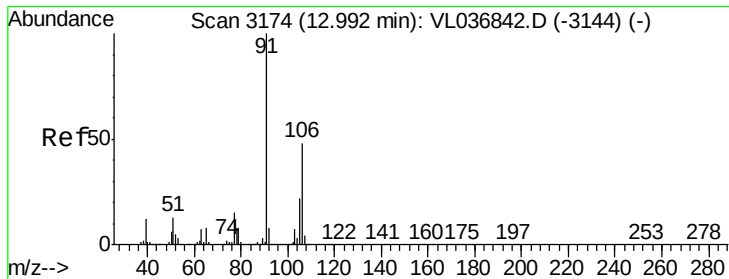
106 27.8 25.1 37.7



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V



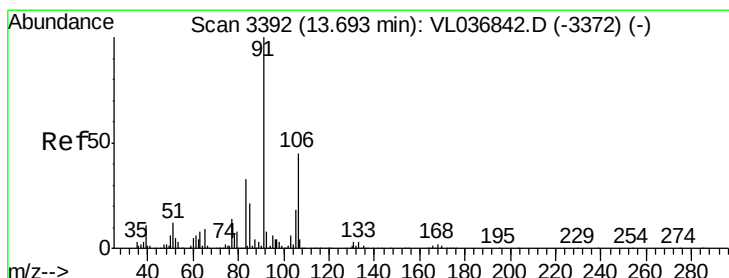
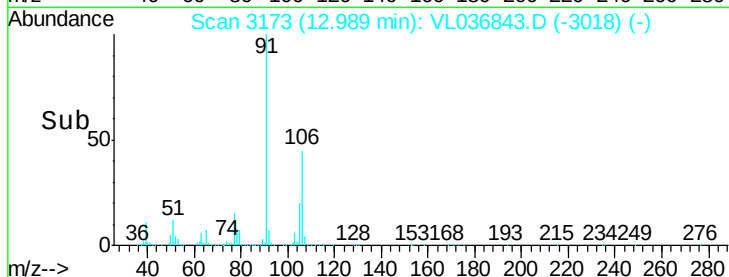
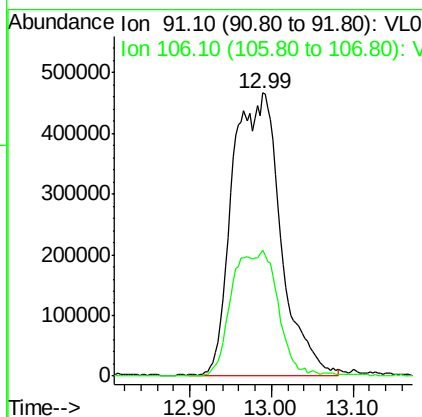
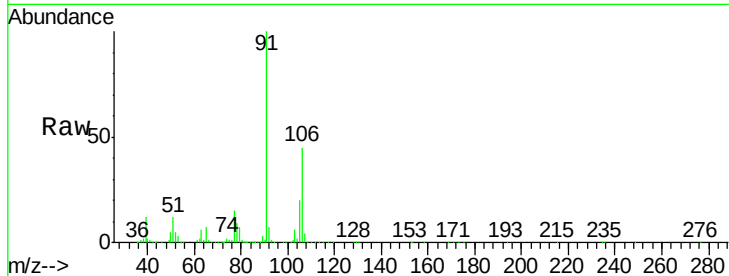


#59
m/p-Xylene
Concen: 4.119 ppbv m
RT: 12.99 min
Instrument: MSVOA_1
Delta R.T.: -0.01 min
Lab File: ClientSampleId : VSTDIC002
Acq: 27 Apr 2021 2:00

Tot Ion:
Ion Ratio
91 100
106 42.

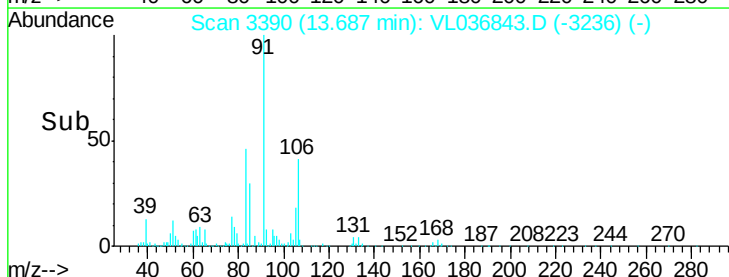
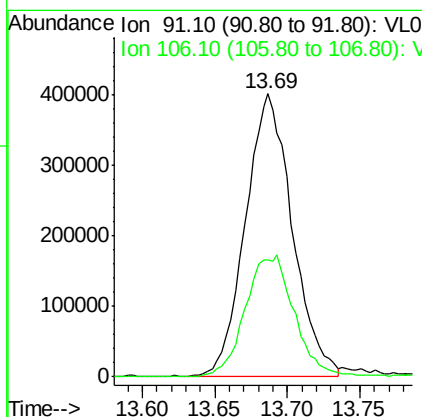
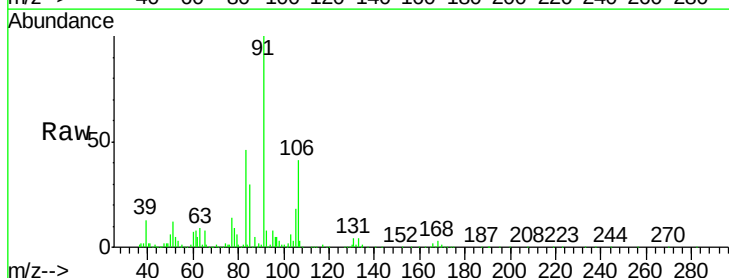
Manual Integrations
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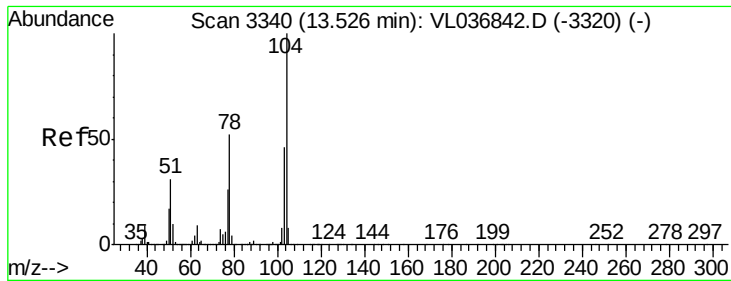
Reviewed By :Semsettin Yesilyurt 04/28/2021
Supervised By :Mahesh Dadoda 04/29/2021



#60
o-Xylene
Concen: 1.995 ppbv
RT: 13.69 min Scan# 3390
Delta R.T.: -0.01 min
Lab File: VL036843.D
Acq: 27 Apr 2021 2:06

Tgt Ion: 91 Resp: 900208
Ion Ratio Lower Upper
91 100
106 45.9 22.6 67.8





#61

Stvrene

Concen: 1.939 ppbv

RT: 13.53

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 27 Apr 2021 2:00

Tot Ion:1

Ion Rati

104 100

78 54.

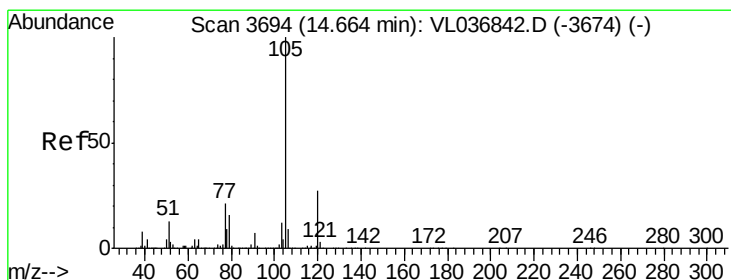
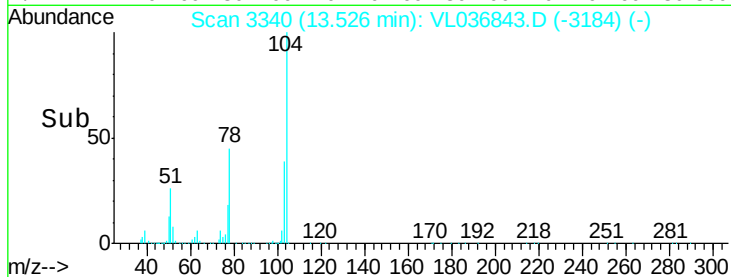
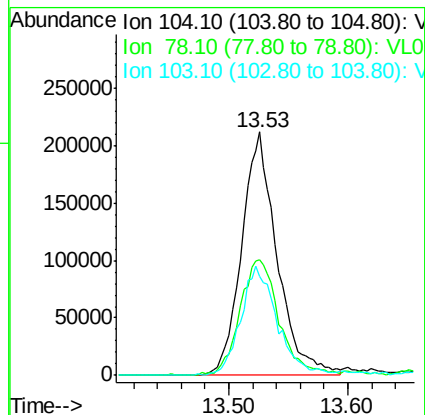
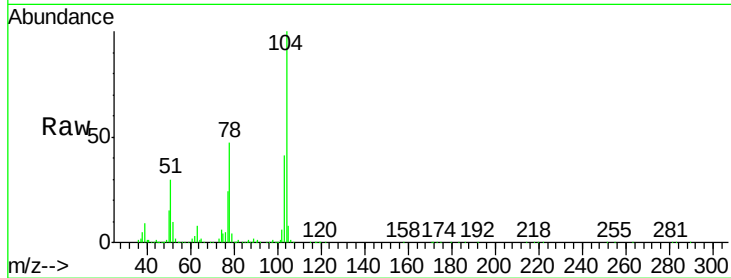
103 47.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2021

Supervised By :Mahesh Dadoda 04/29/2021



#62

Isopropylbenzene

Concen: 2.038 ppbv

RT: 14.66 min Scan# 3693

Delta R.T. -0.00 min

Lab File: VL036843.D

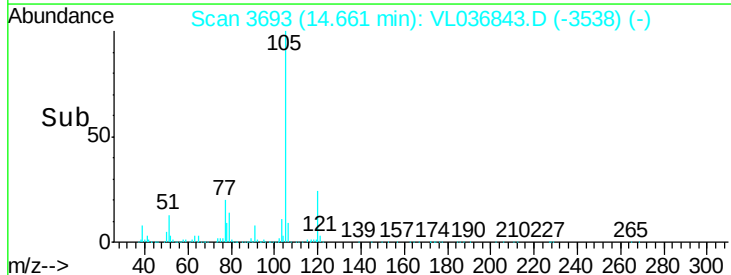
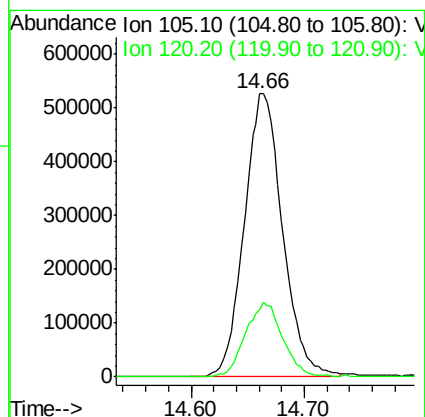
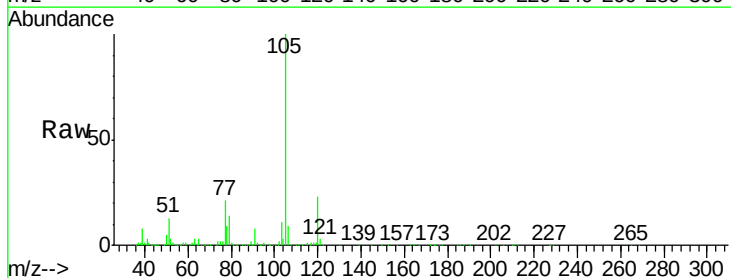
Acq: 27 Apr 2021 2:06

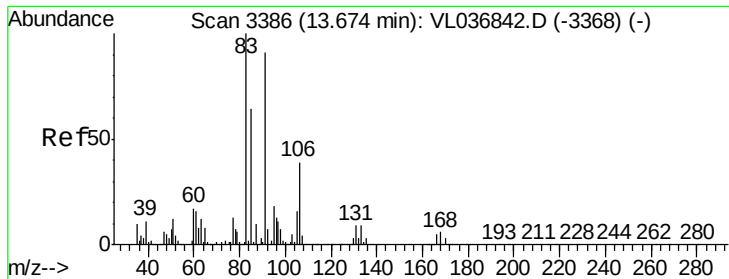
Tgt Ion:105 Resp: 1237455

Ion Ratio Lower Upper

105 100

120 26.0 21.1 31.7





#63

1,1,2,2-Tetrachloroethane

Concen: 1.987 ppbv

RT: 13.67

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 27 Apr 2021 2:00

Tot Ion:

Ion Ratio

83 100

131 8.

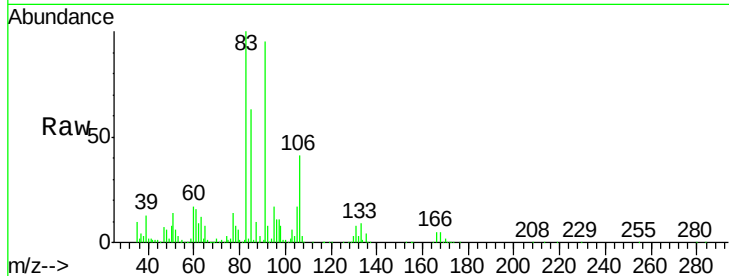
85 66.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/28/2021

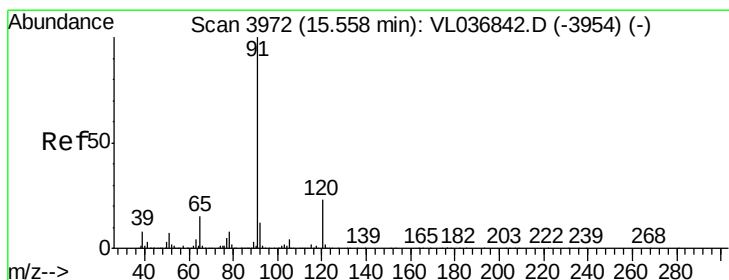
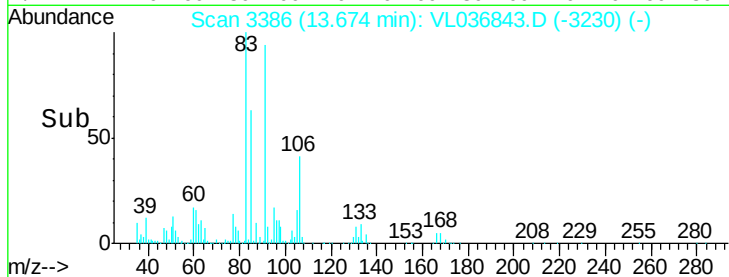
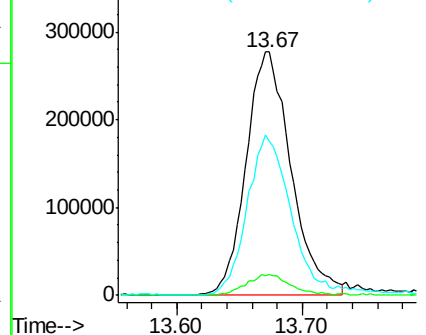
Supervised By :Mahesh Dadoda 04/29/2021



Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 131.00 (130.70 to 131.70): VL0

Ion 85.00 (84.70 to 85.70): VL0



#64

n-propylbenzene

Concen: 2.080 ppbv

RT: 15.56 min Scan# 3972

Delta R.T. 0.00 min

Lab File: VL036843.D

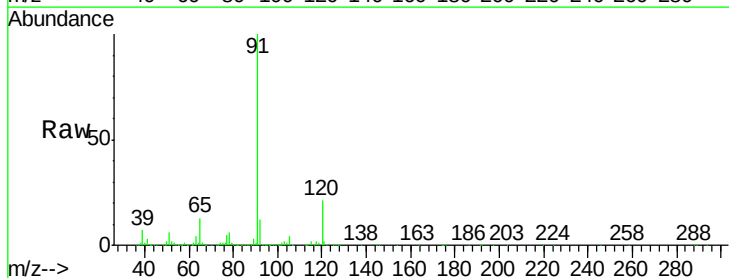
Acq: 27 Apr 2021 2:06

Tgt Ion:120 Resp: 309804

Ion Ratio Lower Upper

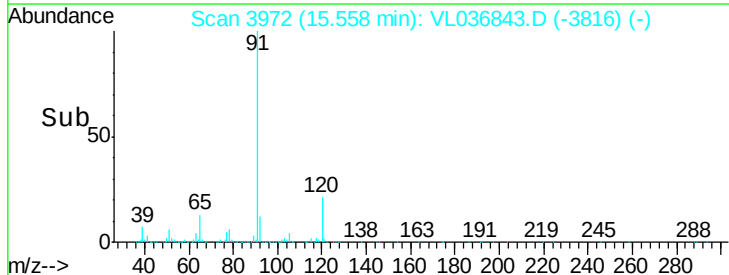
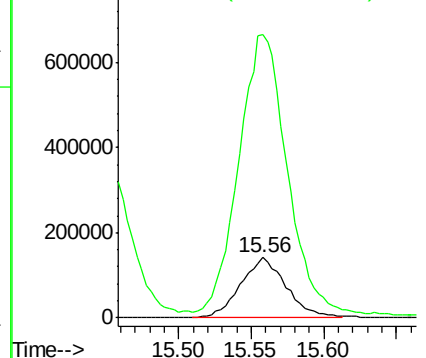
120 100

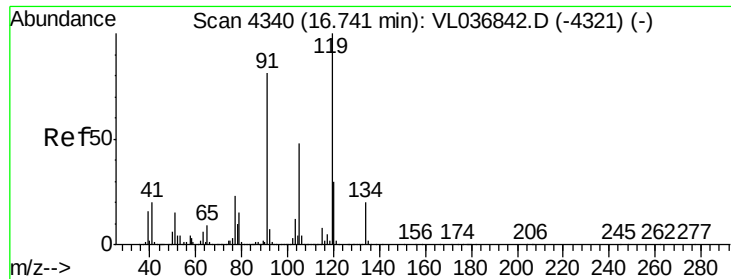
91 519.3 378.6 567.8



Abundance Ion 120.20 (119.90 to 120.90): VL0

Ion 91.10 (90.80 to 91.80): VL0



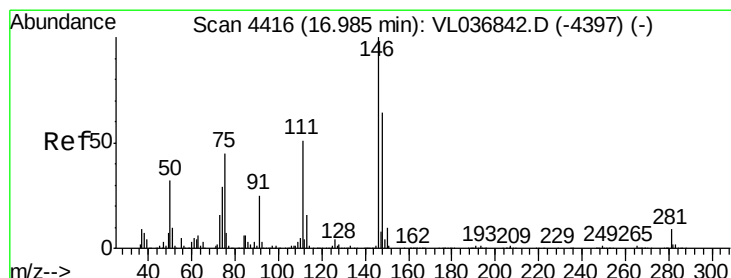
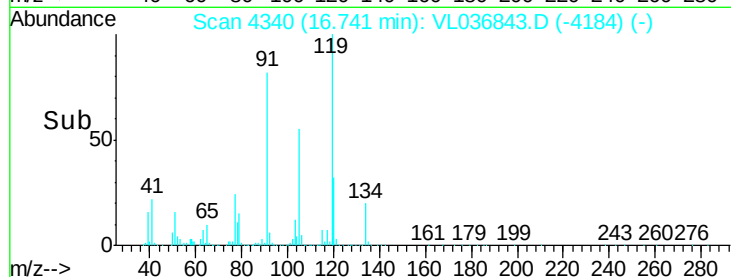
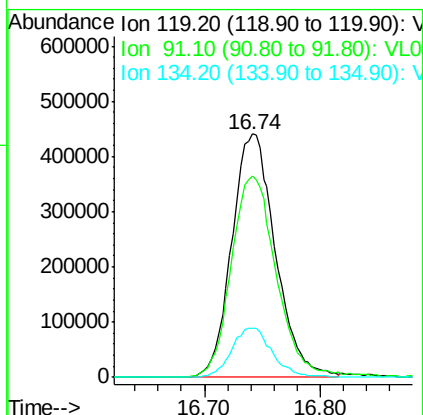
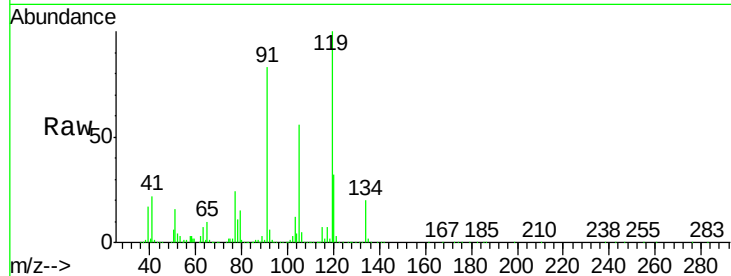


#65
tert-Butylbenzene
Concen: 2.152 ppbv
RT: 16.74 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VSTDIC002
Acq: 27 Apr 2021 2:00

Tot Ion: 1
Ion Ratio
119 100
91 86.
134 19.

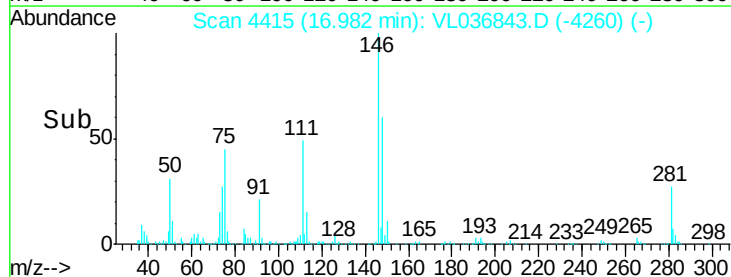
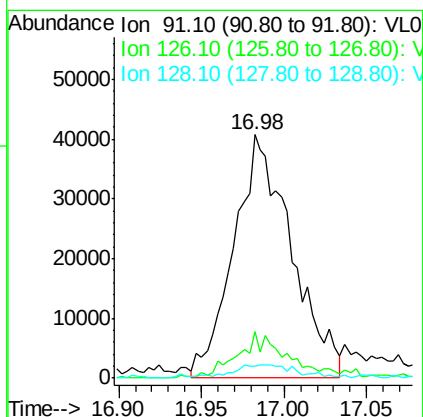
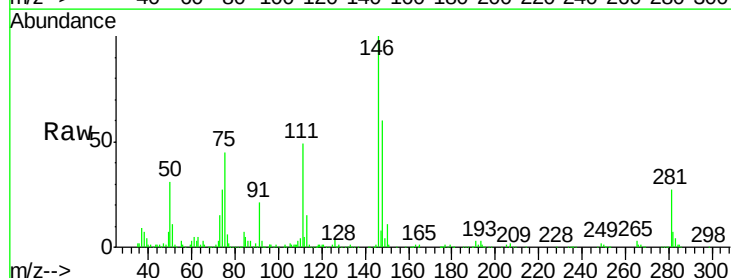
Manual Integrations
APPROVED

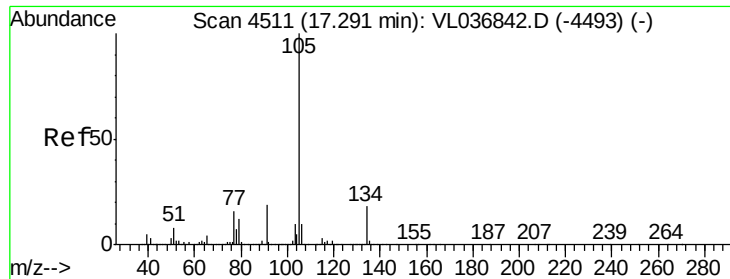
Reviewed By : Semsettin Yesilyurt 04/28/2021
Supervised By : Mahesh Dadoda 04/29/2021



#66
Benzyl Chloride
Concen: 1.752 ppbv m
RT: 16.98 min Scan# 4415
Delta R.T.: -0.00 min
Lab File: VL036843.D
Acq: 27 Apr 2021 2:06

Tgt Ion: 91 Resp: 99286
Ion Ratio Lower Upper
91 100
126 0.0 14.1 21.1#
128 6.7 4.8 7.2



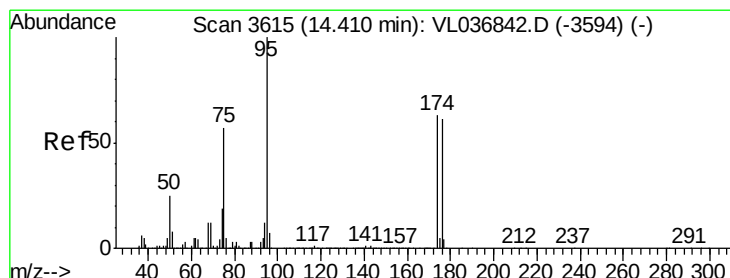
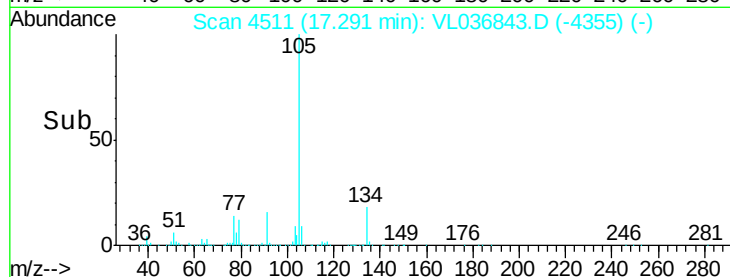
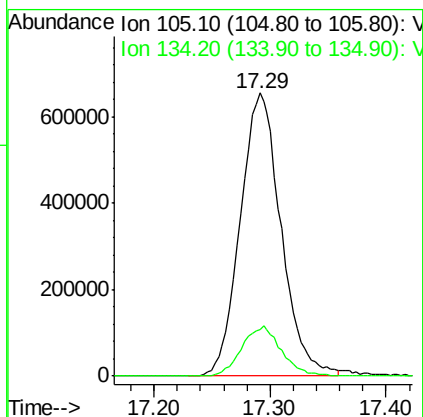
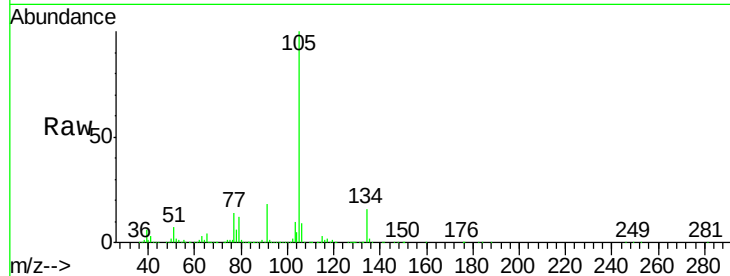


#67
 sec-Butylbenzene
 Concen: 2.130 ppbv
 RT: 17.29 min
 Instrument: MSVOA_1
 Delta R.T.: 0.00 min
 Lab File: VSTDIC002
 Acq: 27 Apr 2021 2:00

Tot Ion: 1
 Ion Ratio
 105 100
 134 17.

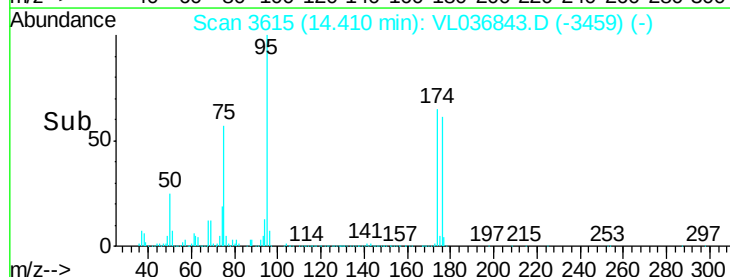
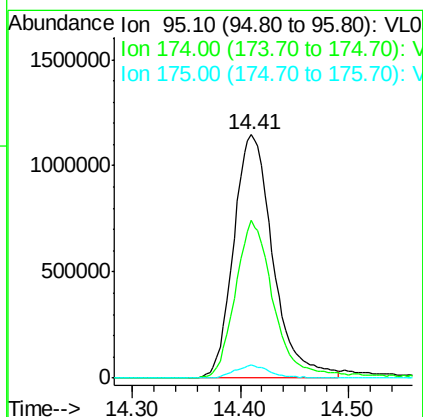
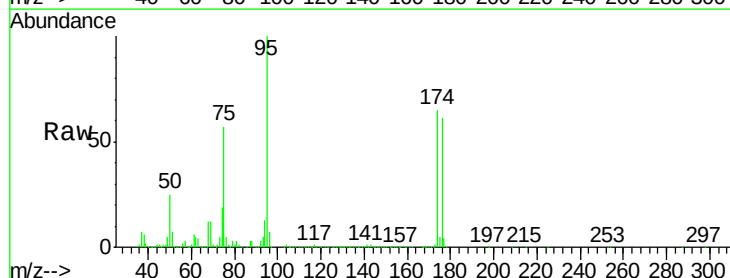
Manual Integrations
 APPROVED

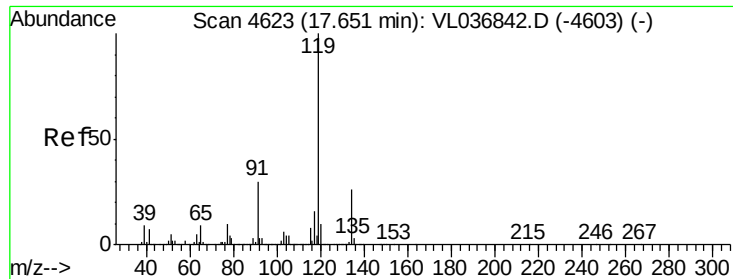
Reviewed By : Semsettin Yesilyurt 04/28/2021
 Supervised By : Mahesh Dadoda 04/29/2021



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.825 ppbv
 RT: 14.41 min Scan# 3615
 Delta R.T.: 0.00 min
 Lab File: VL036843.D
 Acq: 27 Apr 2021 2:00

Tgt Ion: 95 Resp: 2913277
 Ion Ratio Lower Upper
 95 100
 174 65.1 52.4 78.6
 175 4.9 3.9 5.9



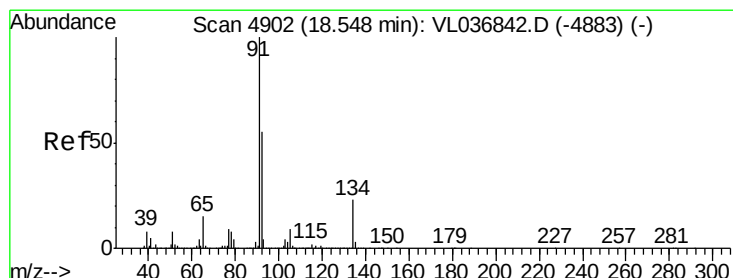
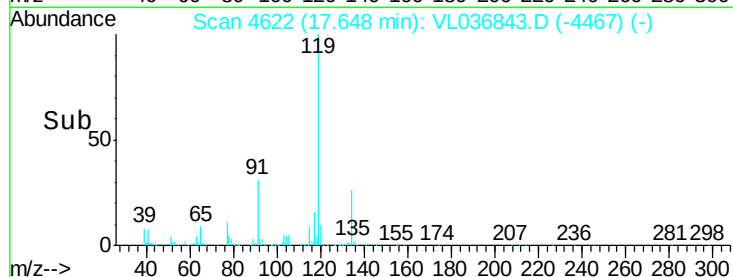
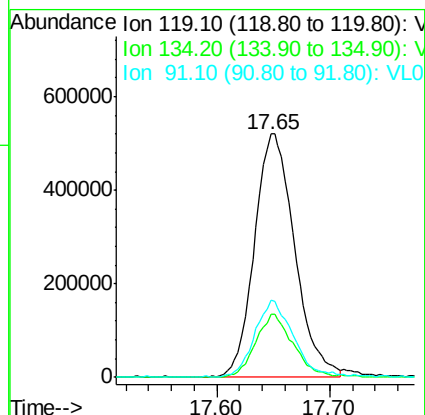
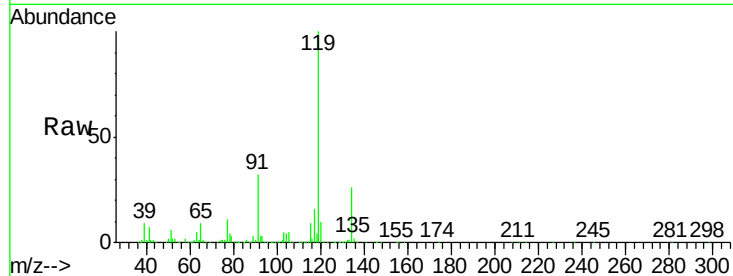


#69
 p-Isopropyltoluene
 Concen: 2.194 ppbv
 RT: 17.65 min
 Instrument: MSVOA_1
 Delta R.T.: 0.00 min
 Lab File: ClientSampleId : VSTDIC002
 Acq: 27 Apr 2021 2:00

Tot Ion: 1
 Ion Ratio
 119 100
 134 24.1
 91 30.1

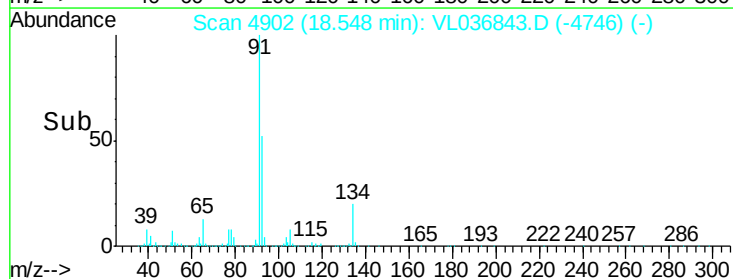
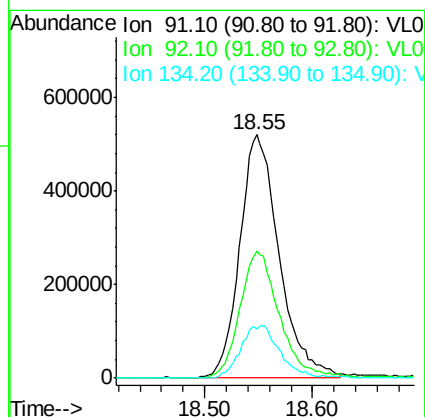
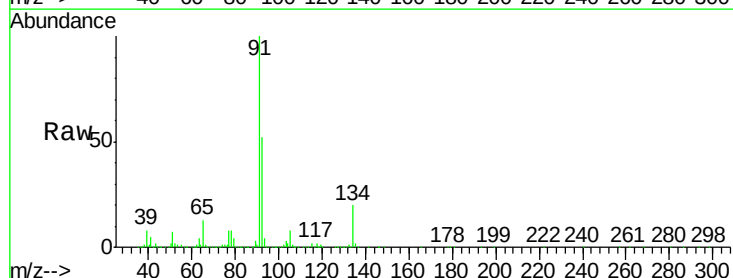
Manual Integrations
 APPROVED

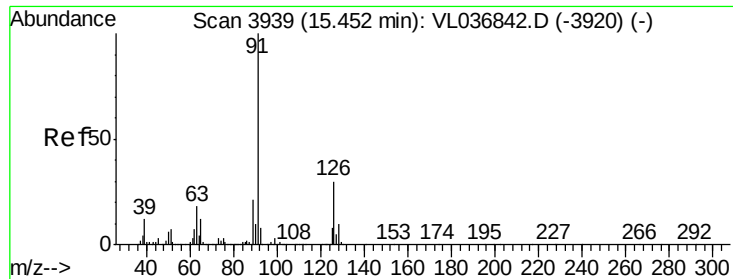
Reviewed By : Semsettin Yesilyurt 04/28/2021
 Supervised By : Mahesh Dadoda 04/29/2021



#70
 n-Butylbenzene
 Concen: 2.175 ppbv
 RT: 18.55 min Scan# 4902
 Delta R.T.: 0.00 min
 Lab File: VL036843.D
 Acq: 27 Apr 2021 2:06

Tgt Ion: 91 Resp: 1319031
 Ion Ratio Lower Upper
 91 100
 92 52.5 43.6 65.4
 134 21.8 18.2 27.4





#71

2-Chlorotoluene

Concen: 2.030 ppbv

RT: 15.45

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

VSTDIC002

Acq: 27 Apr 2021 2:00

Tot Ion:

Ion Ratio

91 100

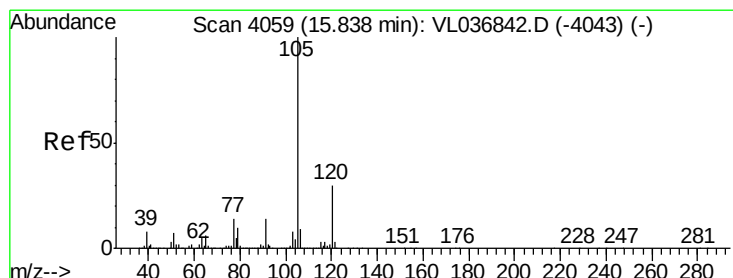
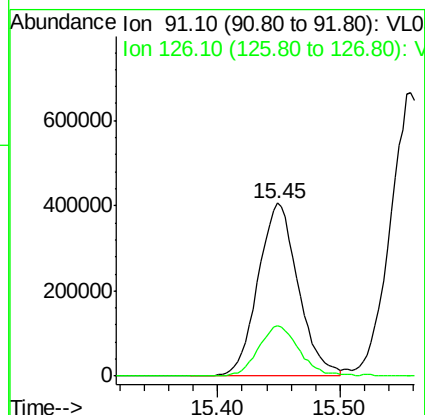
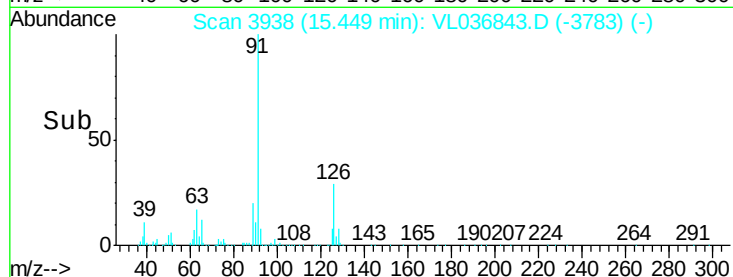
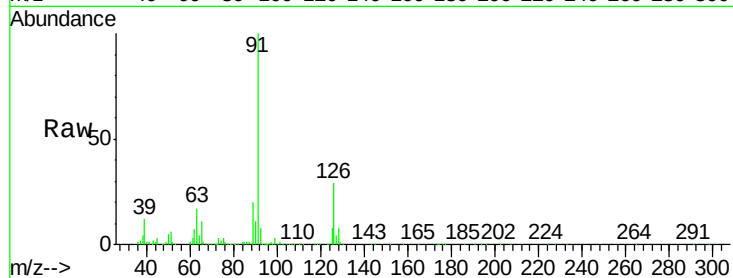
126 30.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2021

Supervised By :Mahesh Dadoda 04/29/2021



#72

4-Ethyltoluene

Concen: 2.033 ppbv

RT: 15.83 min Scan# 4058

Delta R.T. -0.00 min

Lab File: VL036843.D

Acq: 27 Apr 2021 2:06

Tgt Ion:105 Resp: 1010352

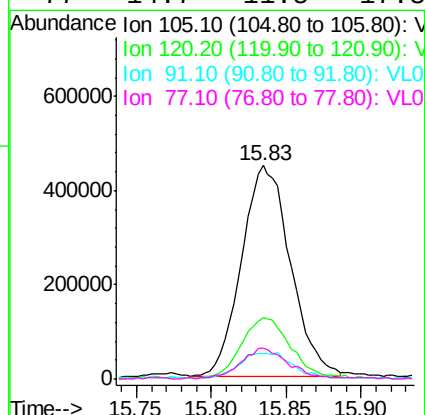
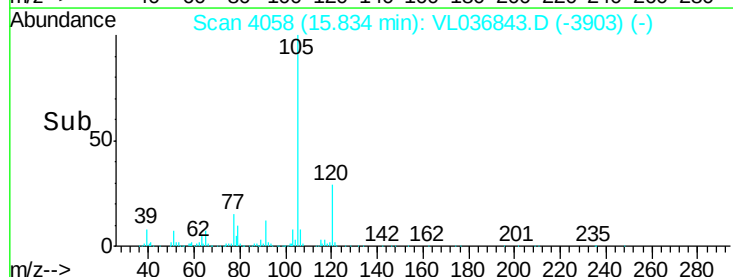
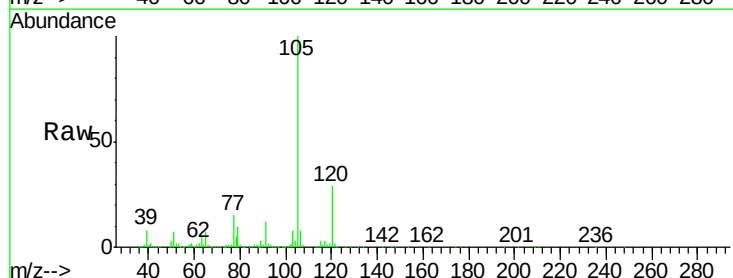
Ion Ratio Lower Upper

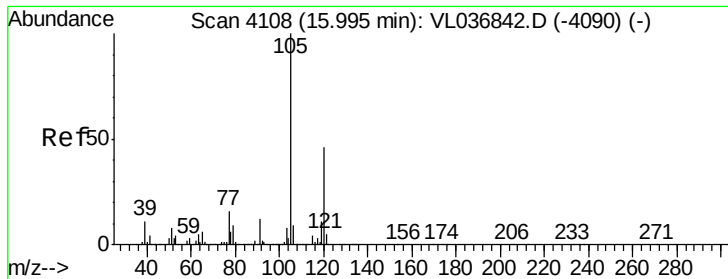
105 100

120 29.4 23.8 35.6

91 13.8 10.7 16.1

77 14.7 11.5 17.3





#73

1,3,5-Trimethylbenzene

Concen: 2.085 ppbv

RT: 16.00

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 27 Apr 2021 2:00

Tot Ion:1

Ion Rati

105 100

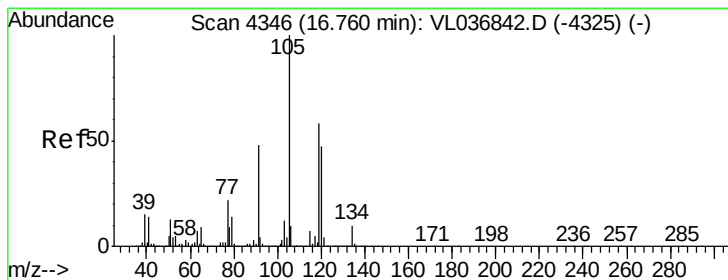
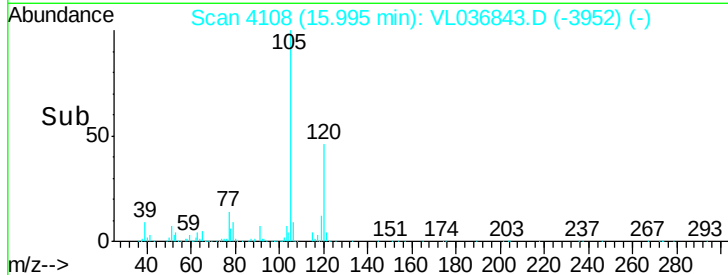
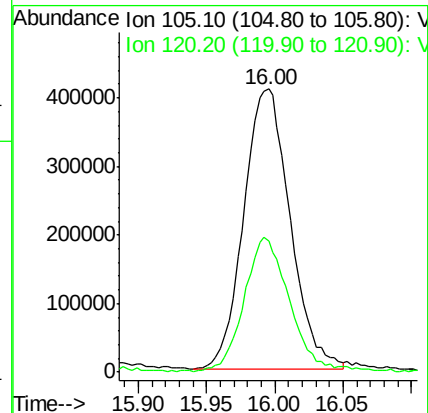
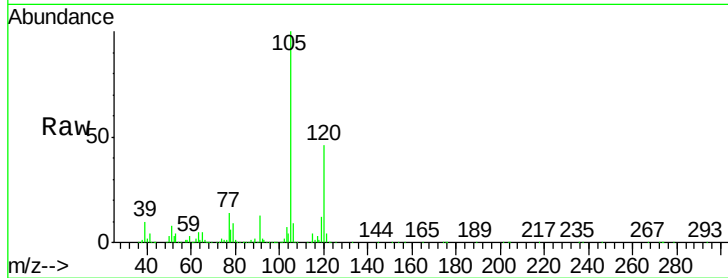
120 46.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2021

Supervised By :Mahesh Dadoda 04/29/2021



#74

1,2,4-Trimethylbenzene

Concen: 2.141 ppbv

RT: 16.76 min Scan# 4345

Delta R.T. -0.00 min

Lab File: VL036843.D

Acq: 27 Apr 2021 2:06

Tgt Ion:105 Resp: 1066150

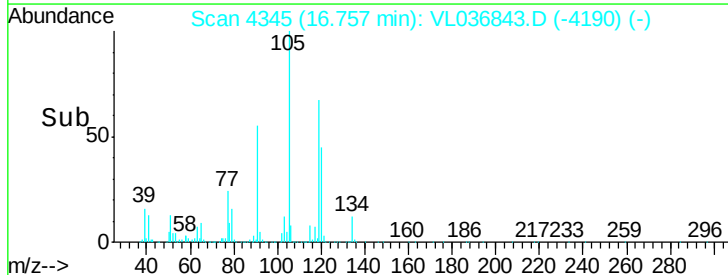
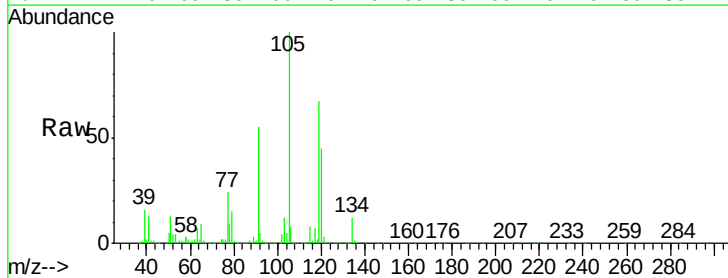
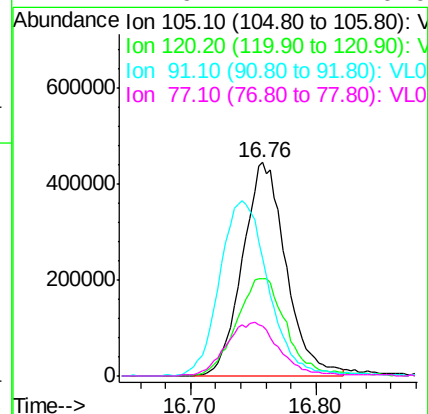
Ion Ratio Lower Upper

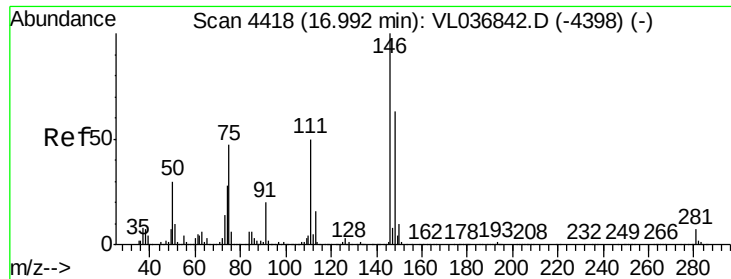
105 100

120 44.5 37.6 56.4

91 54.3 39.0 58.4

77 22.9 17.4 26.0



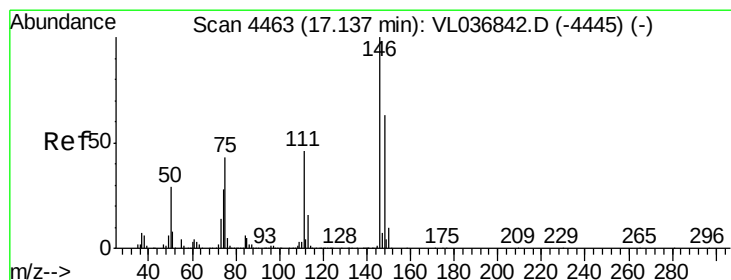
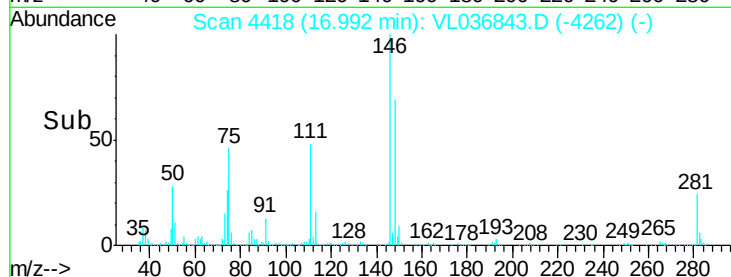
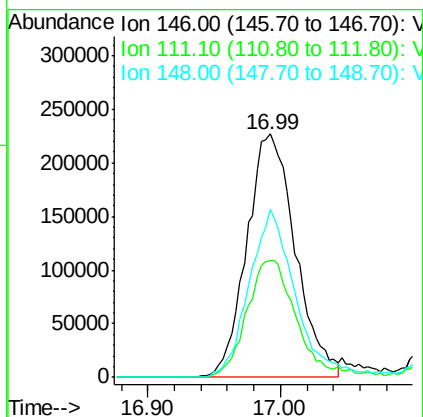
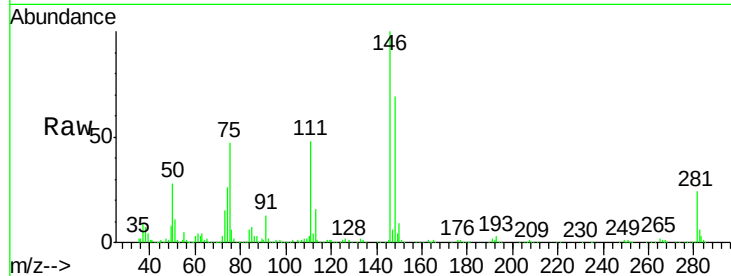


#75
 1,3-Dichlorobenzene
 Concen: 2.067 ppbv
 RT: 16.99 min
 Instrument: MSVOA_L
 Delta R.T.: 0.00 min
 Lab File: VSTDIC002
 Acq: 27 Apr 2021 2:00

Tot Ion: 1
 Ion Ratio
 146 100
 111 49.1
 148 66.1

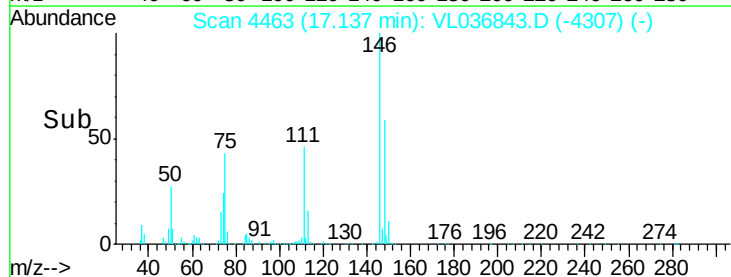
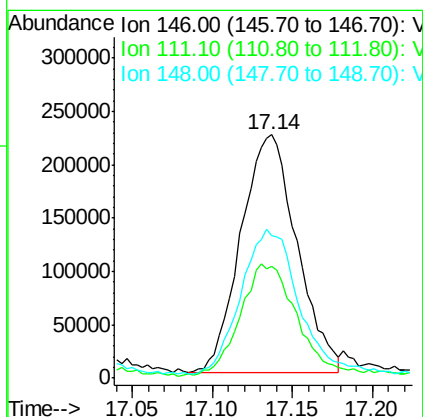
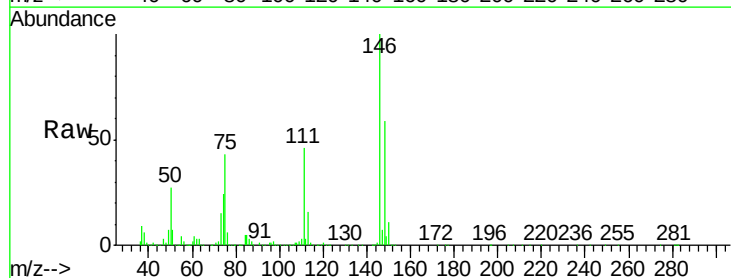
Manual Integrations
 APPROVED

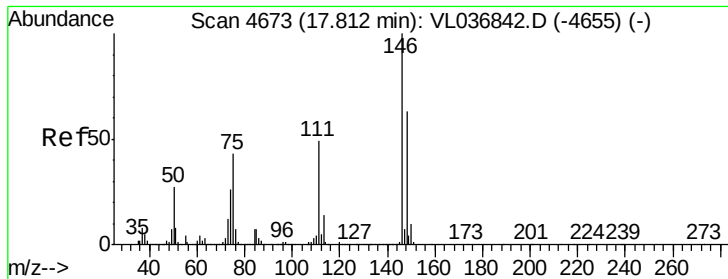
Reviewed By : Semsettin Yesilyurt 04/28/2021
 Supervised By : Mahesh Dadoda 04/29/2021



#76
 1,4-Dichlorobenzene
 Concen: 1.942 ppbv
 RT: 17.14 min Scan# 4463
 Delta R.T.: 0.00 min
 Lab File: VL036843.D
 Acq: 27 Apr 2021 2:06

Tgt Ion: 146 Resp: 540499
 Ion Ratio Lower Upper
 146 100
 111 52.1 24.0 72.0
 148 68.8 32.8 98.3



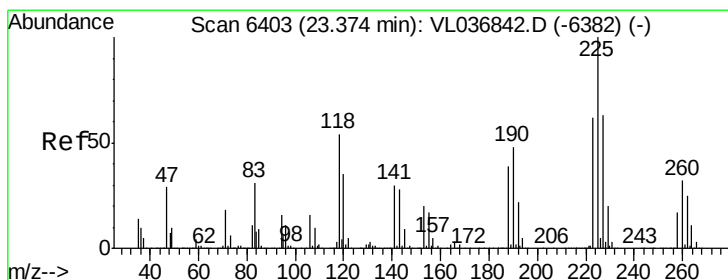
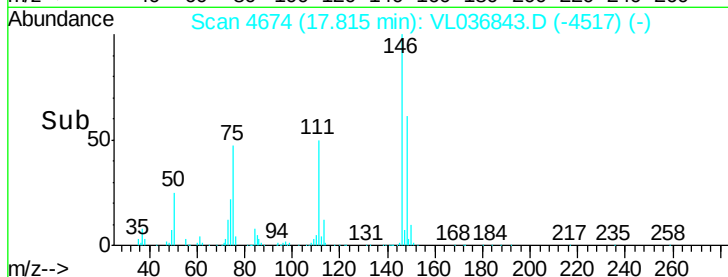
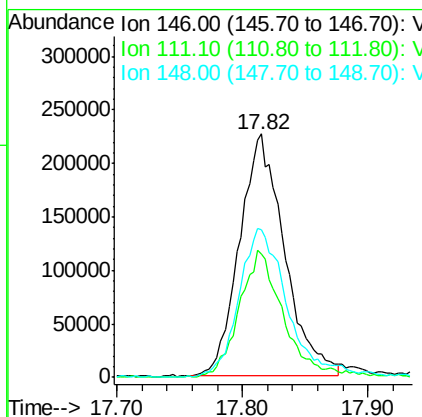
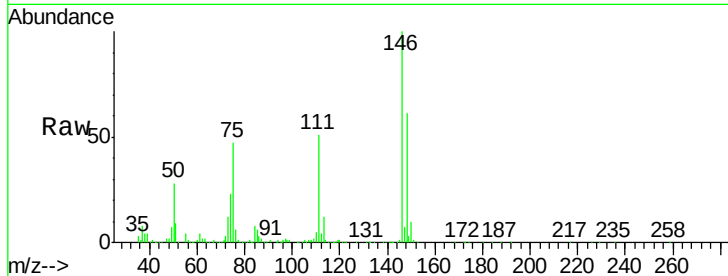


#77
 1,2-Dichlorobenzene
 Concen: 2.129 ppbv
 RT: 17.82 min
 Delta R.T.: 0.00 min
 Lab File: VSTDIC002
 Acq: 27 Apr 2021 2:00

Tot Ion: 1
 Ion Ratio
 146 100
 111 52.1
 148 67.1

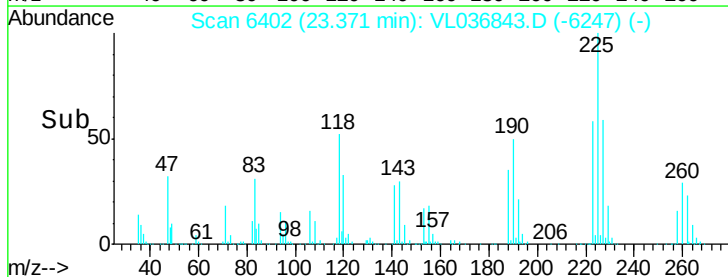
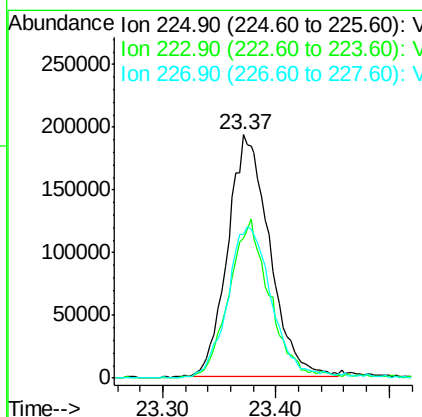
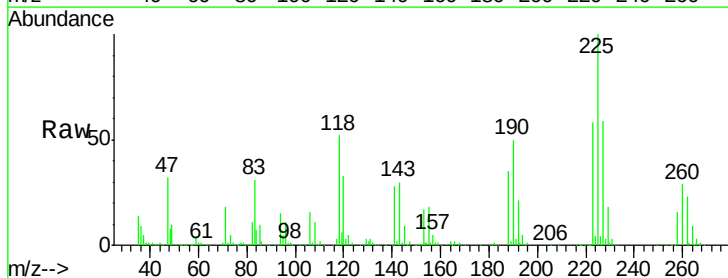
Manual Integrations
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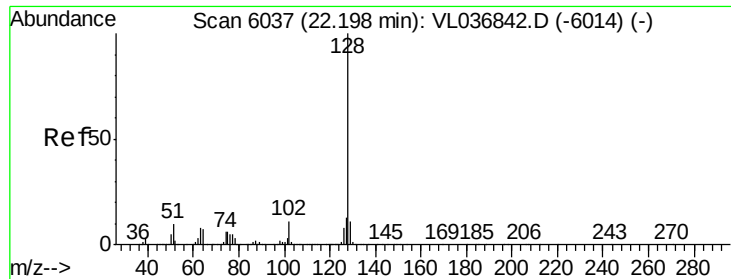
Reviewed By : Semsettin Yesilyurt 04/28/2021
 Supervised By : Mahesh Dadoda 04/29/2021



#78
 Hexachloro-1,3-Butadiene
 Concen: 2.090 ppbv
 RT: 23.37 min Scan# 6402
 Delta R.T.: -0.00 min
 Lab File: VL036843.D
 Acq: 27 Apr 2021 2:06

Tgt Ion: 225 Resp: 495405
 Ion Ratio Lower Upper
 225 100
 223 64.4 51.0 76.6
 227 67.9 51.9 77.9



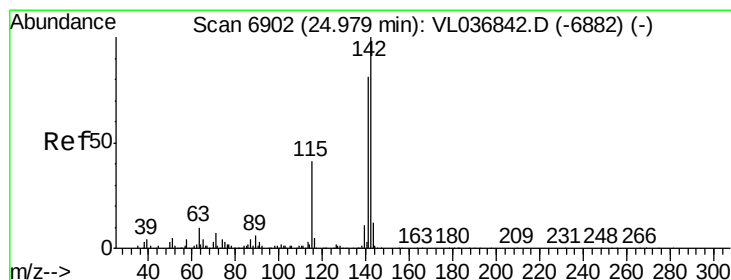
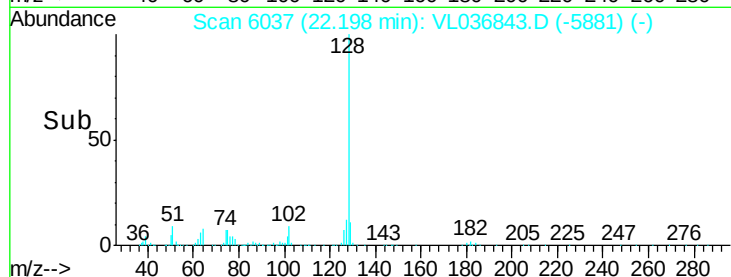
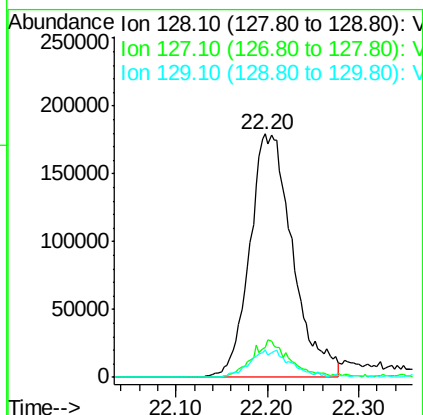
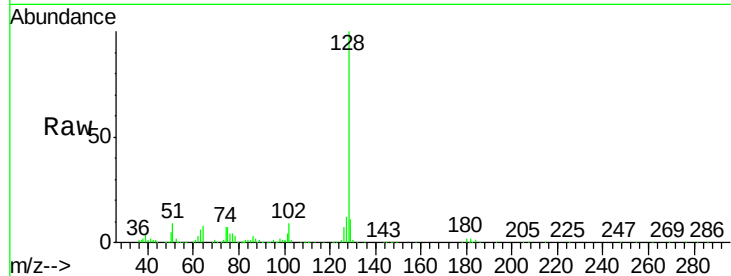


#79
Naphthalene
Concen: 2.043 ppbv m
RT: 22.20 min
Instrument: MSVOA_1
Delta R.T.: 0.02 min
Lab File: ClientSampled : VSTDIC002
Acq: 27 Apr 2021 2:00

Tot Ion:1
Ion Rati
128 100
127 12.
129 11.

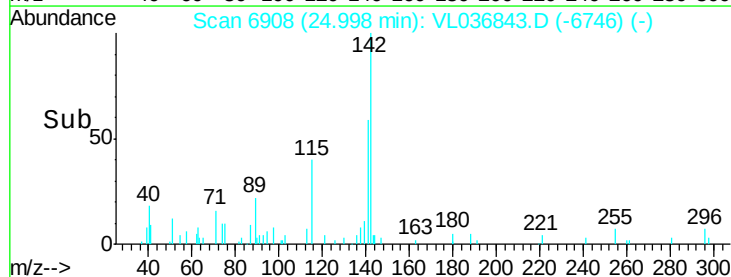
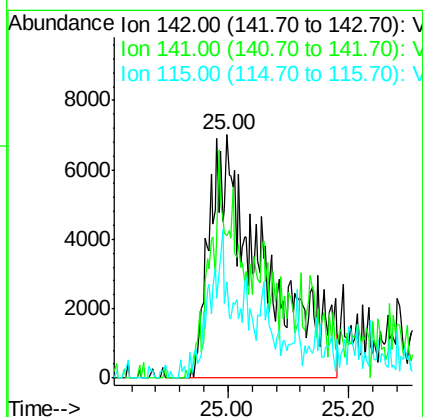
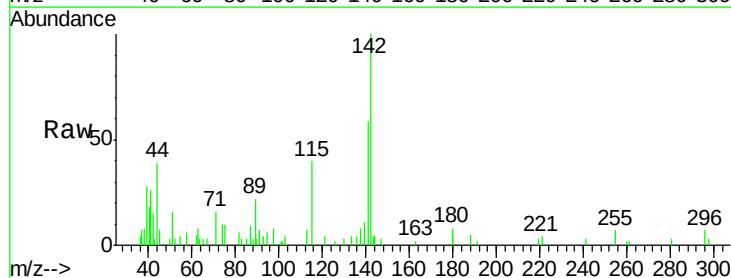
Manual Integrations
APPROVED

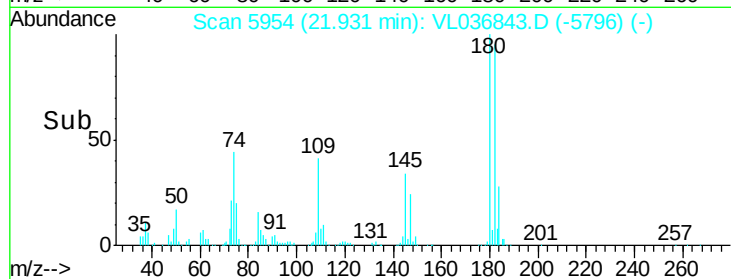
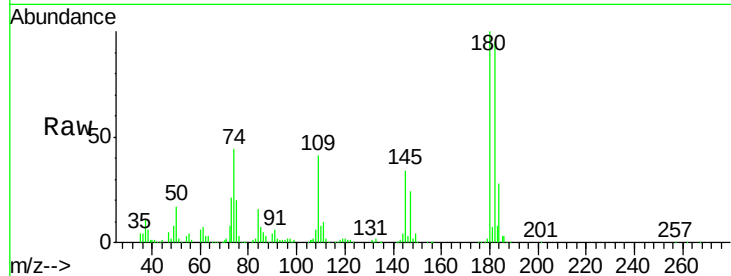
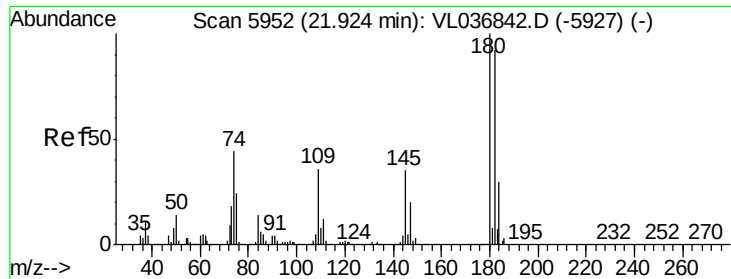
Reviewed By :Semsettin Yesilyurt 04/28/2021
Supervised By :Mahesh Dadoda 04/29/2021



#80
Naphthalene, 2-methyl-
Concen: 0.914 ppbv m
RT: 25.00 min Scan# 6908
Delta R.T. 0.02 min
Lab File: VL036843.D
Acq: 27 Apr 2021 2:06

Tgt Ion:142 Resp: 44089
Ion Ratio Lower Upper
142 100
141 44.3 67.8 101.8#
115 23.3 32.1 48.1#





#81

1,2,4-Trichlorobenzene

Concen: 2.107 ppbv m

RT: 21.93

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

VSTDIC002

Acq: 27 Apr 2021 2:00

Tot Ion:1

Ion Rati

180 100

182 0.

184 0.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2021

Supervised By :Mahesh Dadoda 04/29/2021

