

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL042721\
 Data File : VL036845.D
 Acq On : 27 Apr 2021 3:20
 Operator : SY/AP
 Sample : VSTDICC0.5
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VSTDICC0.5

Manual Integrations
 APPROVED

Quant Time: Apr 27 08:58:39 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL042721A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Tue Apr 27 07:21:25 2021
 Response via : Initial Calibration

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1612046	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3923728	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	3535123	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2813136	10.03	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.30%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.05	85	156056	0.595 ppbv	96
3) Chlorodifluoromethane	2.99	51	148911	0.495 ppbv	98
4) Chloromethane	3.13	50	50073	0.477 ppbv #	81
5) Vinyl Chloride	3.25	62	45209	0.420 ppbv	92
6) Bromomethane	3.47	94	24522	0.416 ppbv	98
7) Chloroethane	3.55	64	17350m	0.470 ppbv	
8) Dichlorotetrafluoroethane	3.19	85	125286	0.506 ppbv	99
9) Propene	3.01	41	40581	0.426 ppbv #	81
10) Heptane	8.12	43	98915m	0.407 ppbv	
11) Trichlorofluoromethane	3.94	101	118393	0.452 ppbv	91
12) 1,1,2-Trichlorotrifluoroet	4.48	101	77944m	0.464 ppbv	
13) Ethanol	3.63	45	5765m	0.523 ppbv	
14) Bromoethene	3.74	108	29150	0.420 ppbv #	89
15) Acetone	3.87	43	82685m	0.532 ppbv	
16) 1,3-Butadiene	3.33	39	41714m	0.386 ppbv	
17) tert-Butyl alcohol	4.34	59	68083m	0.500 ppbv	
18) 1,1-Dichloroethene	4.28	96	34343m	0.464 ppbv	
19) Isopropyl Alcohol	4.00	45	44822m	0.529 ppbv	
20) Methylene Chloride	4.34	84	43357m	0.600 ppbv	
21) Allyl Chloride	4.40	41	53709m	0.437 ppbv	
22) trans-1,2-Dichloroethene	4.88	96	31287	0.449 ppbv	96
23) Vinyl Acetate	5.08	43	85089	0.325 ppbv #	93
24) 1,1-Dichloroethane	5.01	63	74929	0.402 ppbv	97
25) Ethyl Acetate	5.69	43	177711	0.473 ppbv	98
26) Hexane	5.68	57	85288	0.493 ppbv	94
27) Carbon Disulfide	4.55	76	65316m	0.385 ppbv	
28) Methyl tert-Butyl Ether	5.05	73	77628m	0.397 ppbv	
29) Chloroform	5.74	83	137948m	0.494 ppbv	
30) Cyclohexane	7.12	84	65037m	0.462 ppbv	
31) cis-1,2-Dichloroethene	5.55	61	64880	0.389 ppbv	94
32) 1,1,1-Trichloroethane	6.51	97	132480	0.471 ppbv	97
34) 2-Butanone	5.26	43	86188m	0.459 ppbv	
35) Carbon Tetrachloride	7.01	117	131775	0.439 ppbv	97
36) Benzene	6.88	78	155940m	0.436 ppbv	
37) 1,2-Dichloroethane	6.30	62	88092	0.420 ppbv #	95
38) Trichloroethene	7.83	130	60360m	0.430 ppbv	
39) 1,2-Dichloropropane	7.61	63	68781	0.476 ppbv	93
40) 1,4-Dioxane	7.87	88	19822m	0.582 ppbv	
41) Tetrahydrofuran	6.08	42	31368m	0.365 ppbv	
42) Bromodichloromethane	7.78	83	121078	0.424 ppbv #	95
43) Methyl Methacrylate	8.02	69	43731m	0.367 ppbv	

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL042721\
 Data File : VL036845.D
 Acq On : 27 Apr 2021 3:20
 Operator : SY/AP
 Sample : VSTDIC0.5
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VSTDIC0.5

Manual Integrations
 APPROVED

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

Quant Time: Apr 27 08:58:39 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL042721A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Tue Apr 27 07:21:25 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.86	57	267277	0.423	ppbv	94
45) t-1,3-Dichloropropene	9.27	75	39676m	0.292	ppbv	
46) cis-1,3-Dichloropropene	8.70	75	57942m	0.334	ppbv	
47) 1,1,2-Trichloroethane	9.47	97	66285	0.449	ppbv	99
48) Dibromochloromethane	10.29	129	86611m	0.387	ppbv	
49) Bromoform	13.03	173	65502	0.363	ppbv	97
50) 4-Methyl-2-Pentanone	8.77	43	96773m	0.357	ppbv	
51) 2-Hexanone	10.17	43	43889m	0.323	ppbv	
52) Tetrachloroethene	11.22	164	57316m	0.433	ppbv	
53) Toluene	9.80	91	142181	0.374	ppbv	98
54) 1,2-Dibromoethane	10.60	107	90737m	0.437	ppbv	
56) 1,1,1,2-Tetrachloroethane	12.12	131	74086	0.472	ppbv #	1
57) Chlorobenzene	12.14	112	139544	0.470	ppbv	97
58) Ethyl Benzene	12.71	91	184205	0.365	ppbv	94
59) m/p-Xylene	12.99	91	351859m	0.798	ppbv	
60) o-Xylene	13.68	91	181163m	0.425	ppbv	
61) Styrene	13.53	104	56352m	0.265	ppbv	
62) Isopropylbenzene	14.66	105	252352	0.440	ppbv	96
63) 1,1,2,2-Tetrachloroethane	13.68	83	149687	0.456	ppbv	95
64) n-propylbenzene	15.56	120	55283m	0.393	ppbv	
65) tert-Butylbenzene	16.74	119	202523	0.404	ppbv	85
66) Benzyl Chloride	17.00	91	18974m	0.354	ppbv	
67) sec-Butylbenzene	17.29	105	281196	0.398	ppbv	96
69) p-Isopropyltoluene	17.66	119	206941	0.374	ppbv	95
70) n-Butylbenzene	18.56	91	200597	0.350	ppbv	97
71) 2-Chlorotoluene	15.45	91	167057	0.388	ppbv	96
72) 4-Ethyltoluene	15.84	105	152422	0.324	ppbv #	88
73) 1,3,5-Trimethylbenzene	16.00	105	173305m	0.395	ppbv	
74) 1,2,4-Trimethylbenzene	16.76	105	180224	0.383	ppbv	93
75) 1,3-Dichlorobenzene	16.99	146	121268m	0.457	ppbv	
76) 1,4-Dichlorobenzene	17.14	146	120756m	0.459	ppbv	
77) 1,2-Dichlorobenzene	17.82	146	122085m	0.488	ppbv	
78) Hexachloro-1,3-Butadiene	23.37	225	111117	0.496	ppbv	95
79) Naphthalene	22.21	128	72559m	0.268	ppbv	
80) Naphthalene, 2-methyl-	25.08	142	8402m	0.184	ppbv	
81) 1,2,4-Trichlorobenzene	21.93	180	56361m	0.336	ppbv	

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL042721\
Data File : VL036845.D
Acq On : 27 Apr 2021 3:20
Operator : SY/AP
Sample : VSTDICC0.5
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Manual Integrations
APPROVED

Quant Time: Apr 27 08:58:39 2021

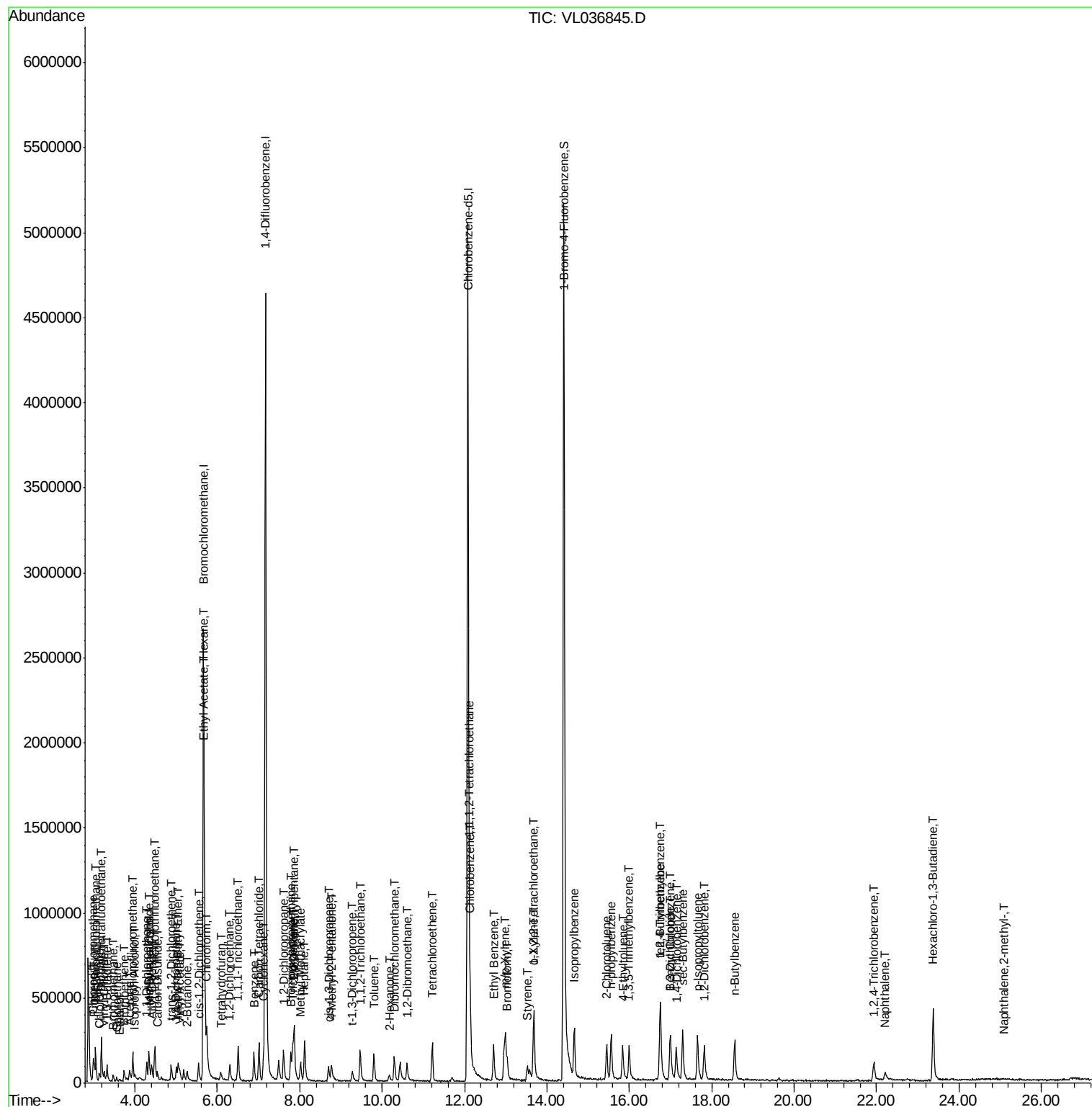
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL042721

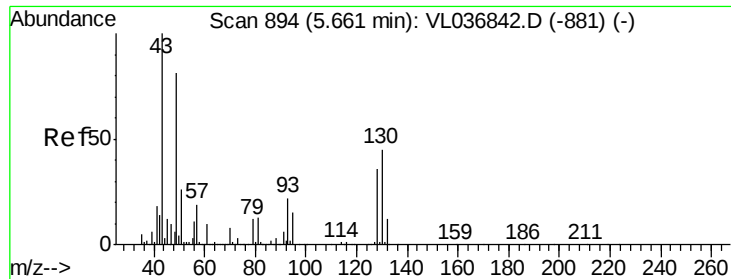
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:

QLast Update : Tue Apr 27 07:21:25 2021

Response via : Initial Calibration

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





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VSTDIC0.5

Acq: 27 Apr 2021 3:20

Tot Ion:

Ion Ratio

49 100

128 47.

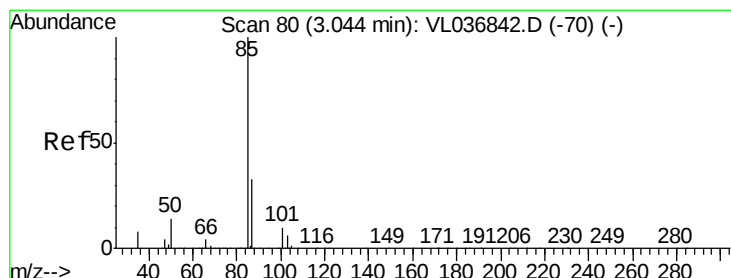
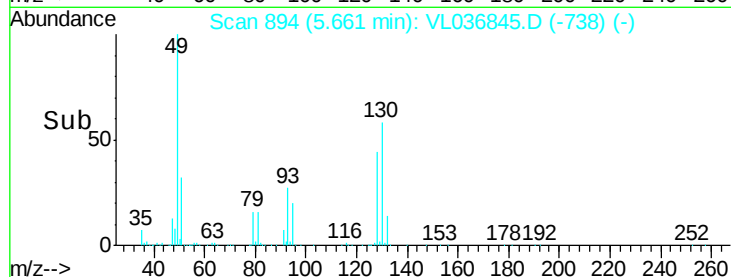
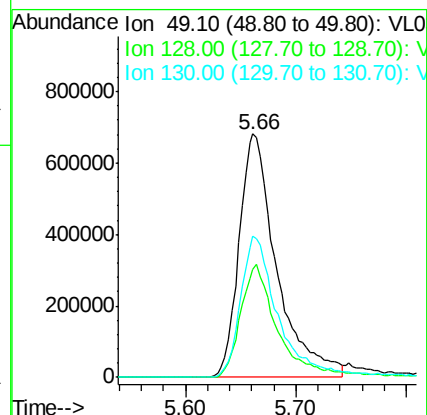
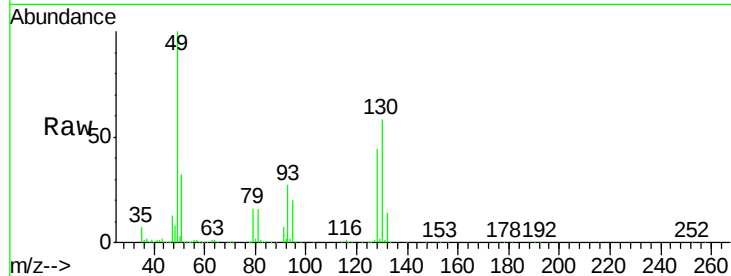
130 60.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2021

Supervised By :Mahesh Dadoda 04/29/2021



#2

Dichlorodifluoromethane

Concen: 0.595 ppbv

RT: 3.05 min Scan# 81

Delta R.T. 0.00 min

Lab File: VL036845.D

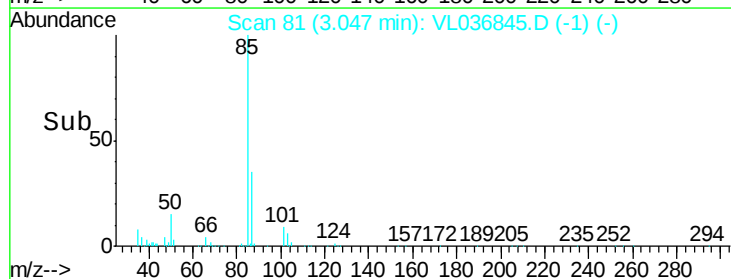
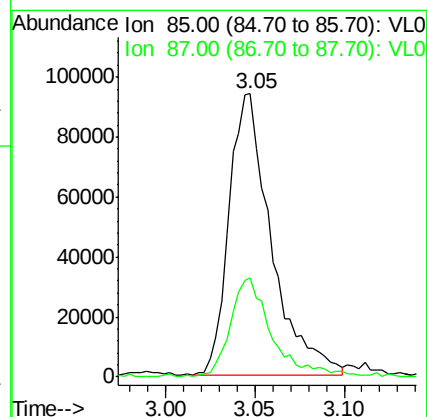
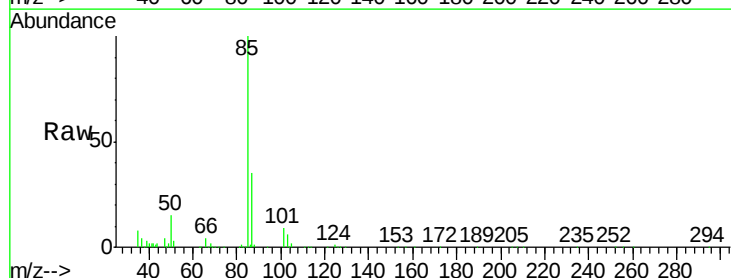
Acq: 27 Apr 2021 3:20

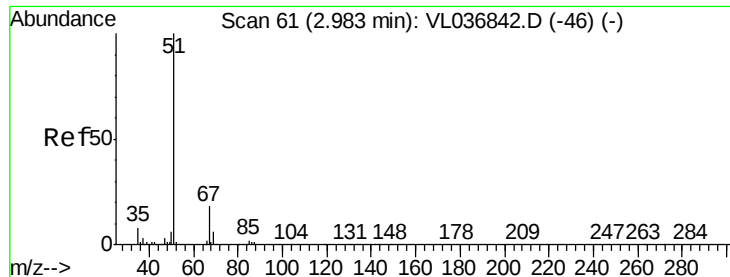
Tgt Ion: 85 Resp: 156056

Ion Ratio Lower Upper

85 100

87 34.7 26.2 39.2





#3

Chlorodifluoromethane

Concen: 0.495 ppbv

RT: 2.99 Instrument: MSVOA_1

Delta R.T. -0.00 min

Lab File: ClientSampleId: VSTDIC0.5

Acq: 27 Apr 2021 3:20

Tot Ion:

Ion Ratio

51 100

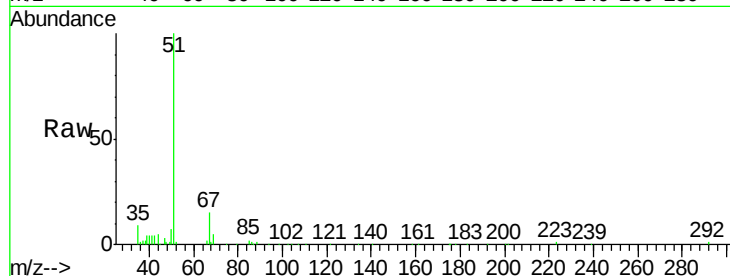
67 17.

Manual Integrations

APPROVED

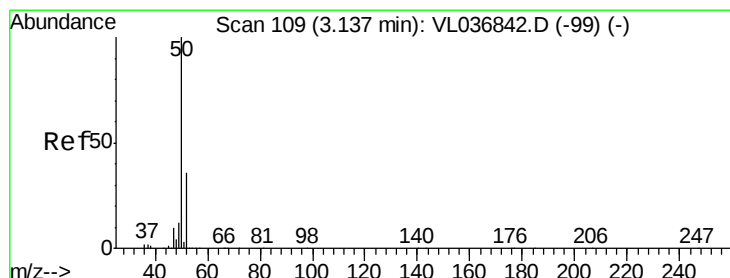
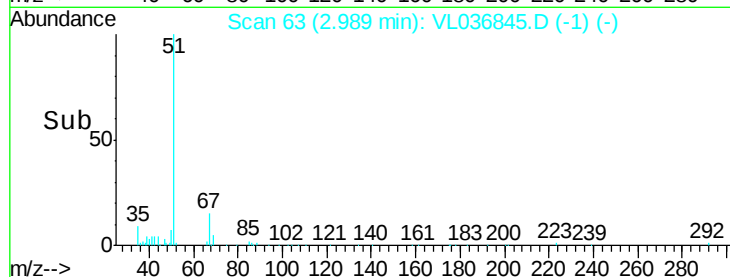
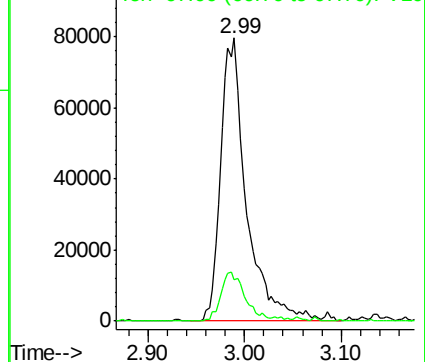
Reviewed By :Semsettin Yesilyurt 04/28/2021

Supervised By :Mahesh Dadoda 04/29/2021



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 0.477 ppbv

RT: 3.13 min Scan# 108

Delta R.T. -0.00 min

Lab File: VL036845.D

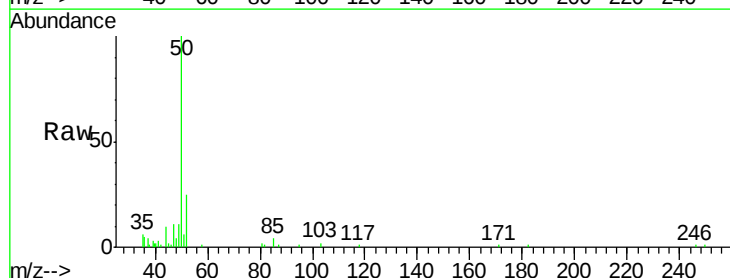
Acq: 27 Apr 2021 3:20

Tgt Ion: 50 Resp: 50073

Ion Ratio Lower Upper

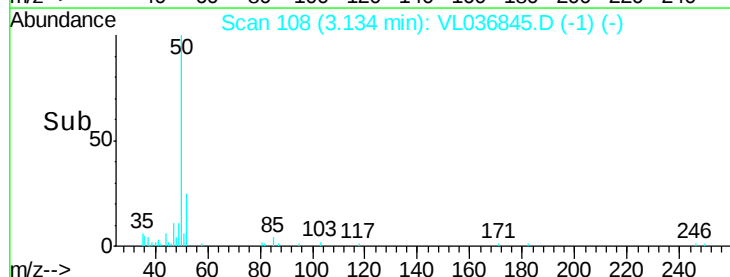
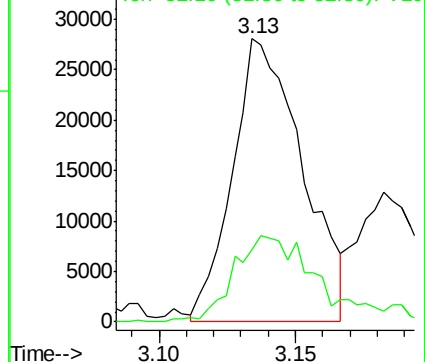
50 100

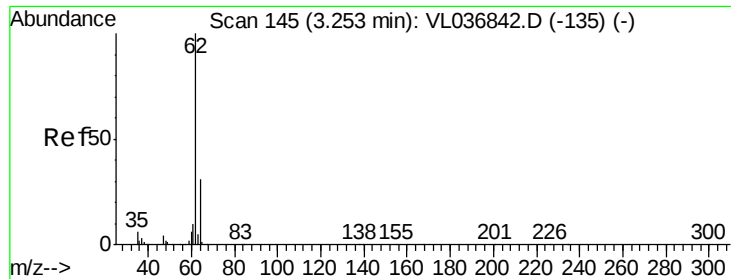
52 24.4 28.5 42.7#



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#5

Vinyl Chloride

Concen: 0.420 ppbv

RT: 3.25 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 27 Apr 2021 3:20

Tot Ion:

Ion Ratio

62 100

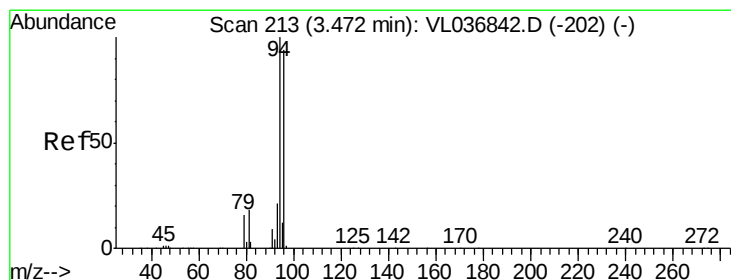
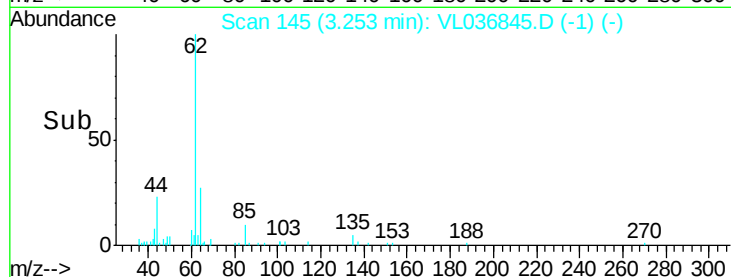
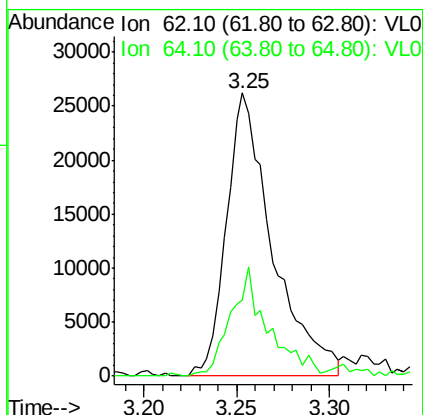
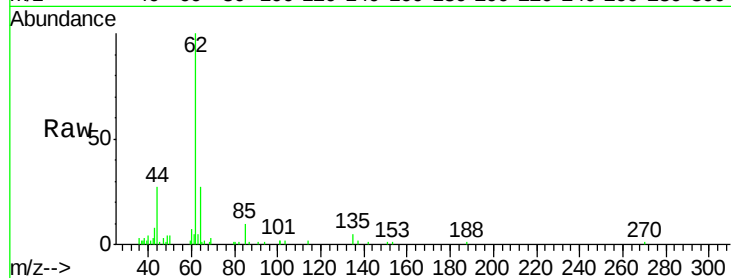
64 26.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2021

Supervised By :Mahesh Dadoda 04/29/2021



#6

Bromomethane

Concen: 0.416 ppbv

RT: 3.47 min Scan# 214

Delta R.T. 0.00 min

Lab File: VL036845.D

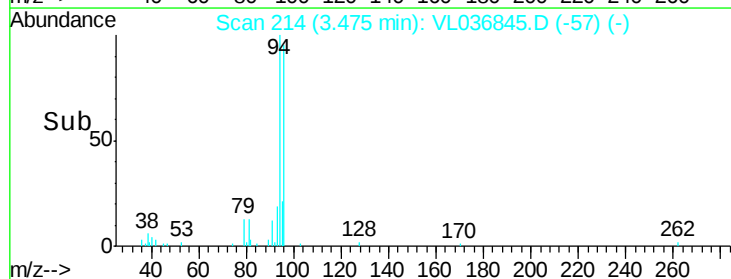
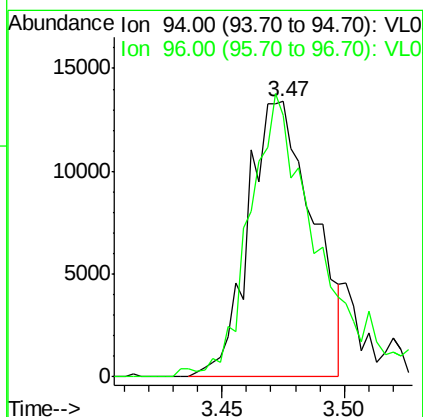
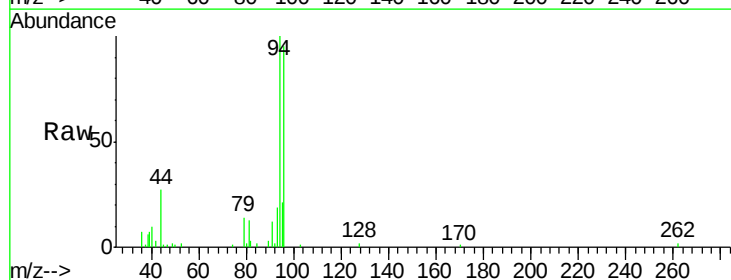
Acq: 27 Apr 2021 3:20

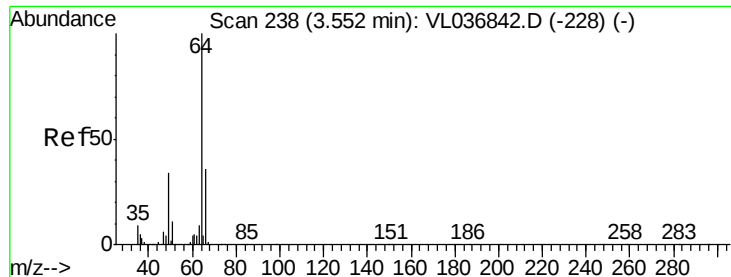
Tgt Ion: 94 Resp: 24522

Ion Ratio Lower Upper

94 100

96 92.0 75.4 113.0





#7

Chloroethane

Concen: 0.470 ppbv m

RT: 3.55 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 27 Apr 2021 3:20 VSTDIC0.5

Tot Ion:

Ion Ratio

64 100

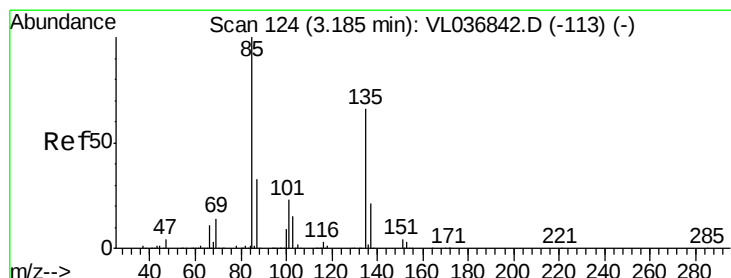
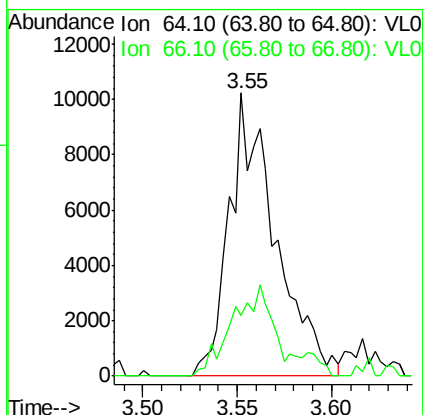
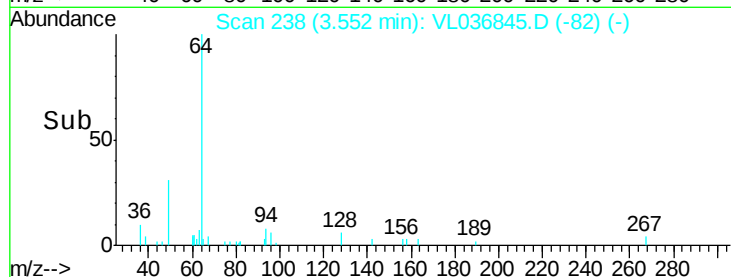
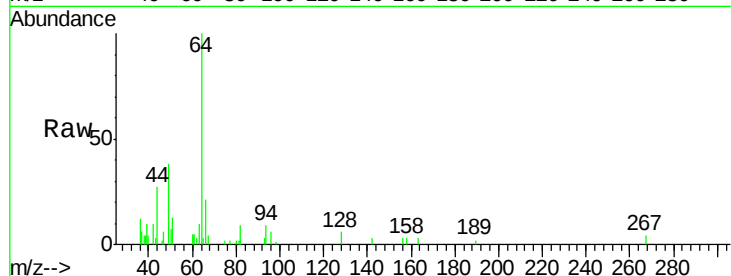
66 21.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2021

Supervised By :Mahesh Dadoda 04/29/2021



#8

Dichlorotetrafluoroethane

Concen: 0.506 ppbv

RT: 3.19 min Scan# 124

Delta R.T. 0.00 min

Lab File: VL036845.D

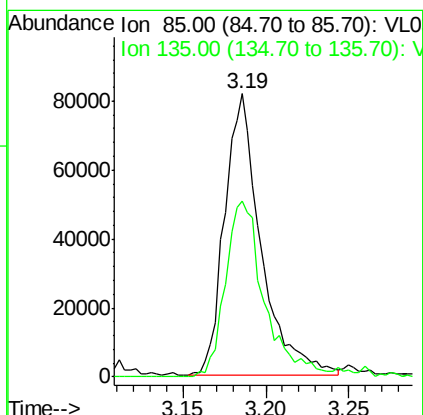
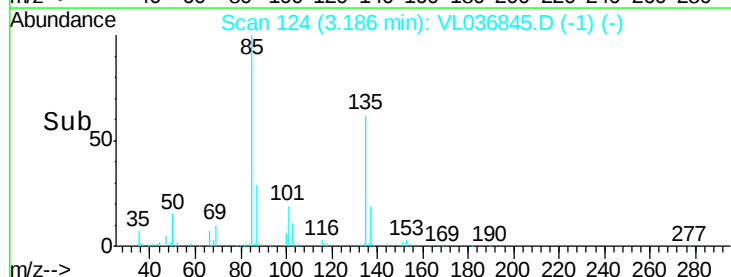
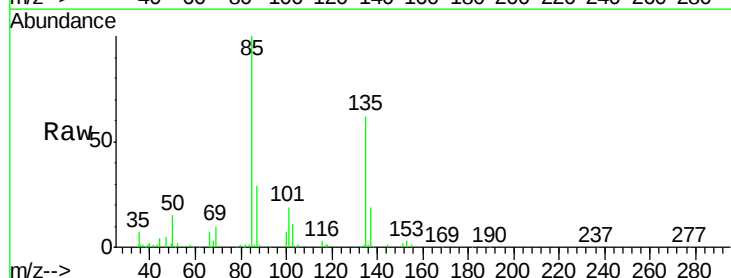
Acq: 27 Apr 2021 3:20

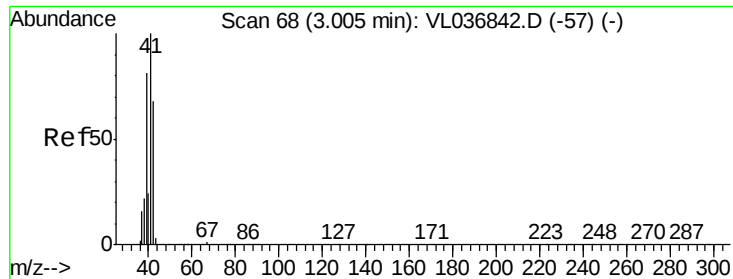
Tgt Ion: 85 Resp: 125286

Ion Ratio Lower Upper

85 100

135 69.2 56.2 84.4



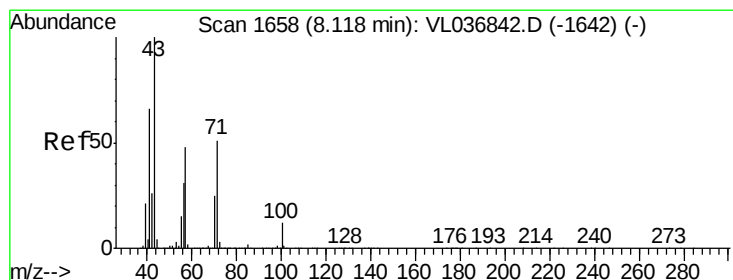
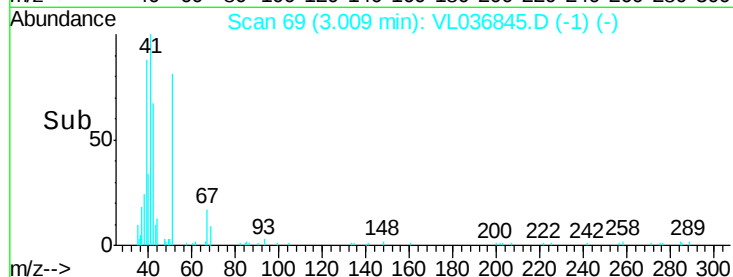
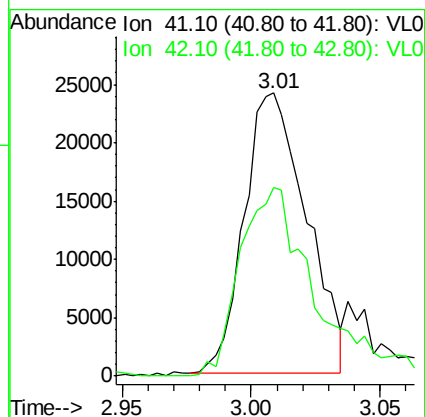
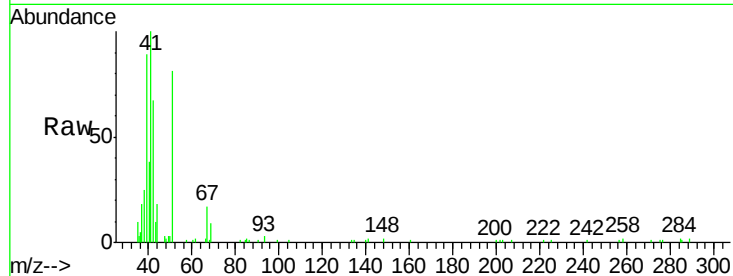


#9
 Propene
 Concen: 0.426 ppbv
 RT: 3.01
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 27 Apr 2021 3:20

Tot Ion:
 Ion Ratio
 41 100
 42 85.

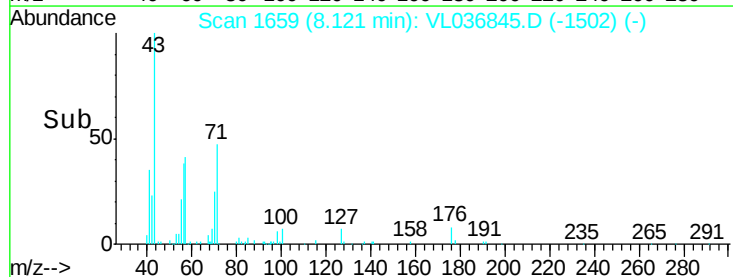
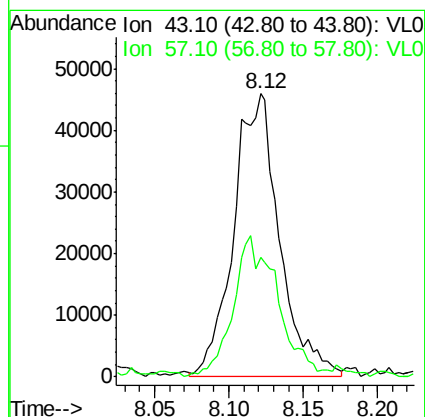
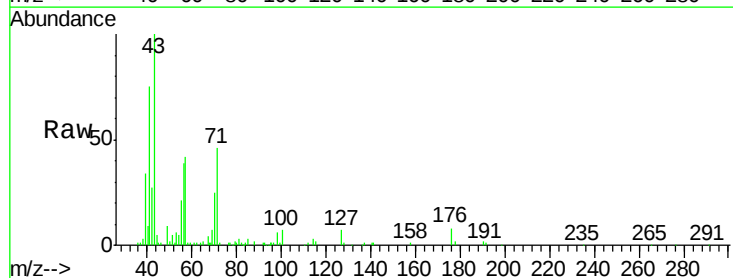
Manual Integrations
 APPROVED

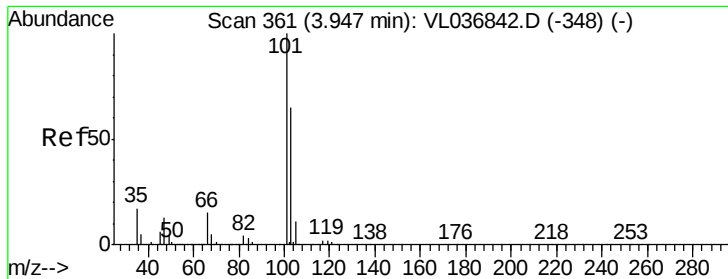
Reviewed By :Semsettin Yesilyurt 04/28/2021
 Supervised By :Mahesh Dadoda 04/29/2021



#10
 Heptane
 Concen: 0.407 ppbv m
 RT: 8.12 min Scan# 1659
 Delta R.T. 0.00 min
 Lab File: VL036845.D
 Acq: 27 Apr 2021 3:20

Tgt Ion: 43 Resp: 98915
 Ion Ratio Lower Upper
 43 100
 57 50.8 39.0 58.6





#11

Trichlorofluoromethane

Concen: 0.452 ppbv

RT: 3.94 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 27 Apr 2021 3:20

Tot Ion:1

Ion Rati

101 100

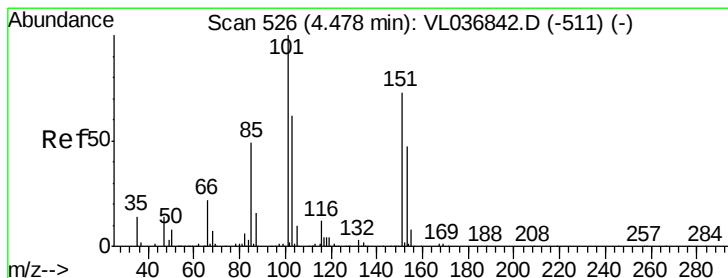
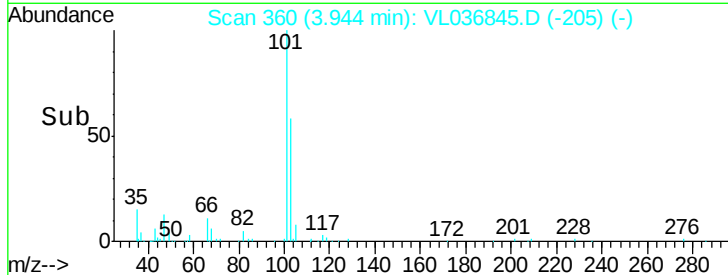
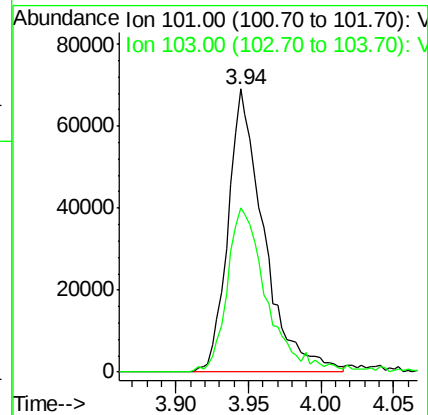
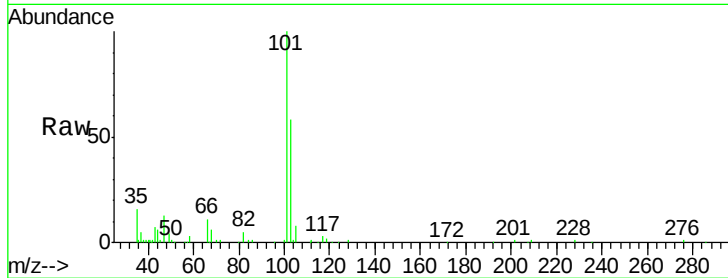
103 57.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2021

Supervised By :Mahesh Dadoda 04/29/2021



#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.464 ppbv m

RT: 4.48 min Scan# 528

Delta R.T. 0.01 min

Lab File: VL036845.D

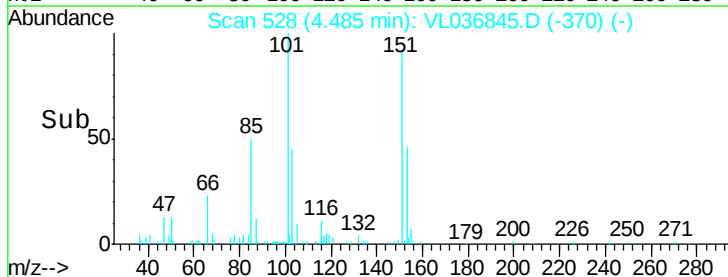
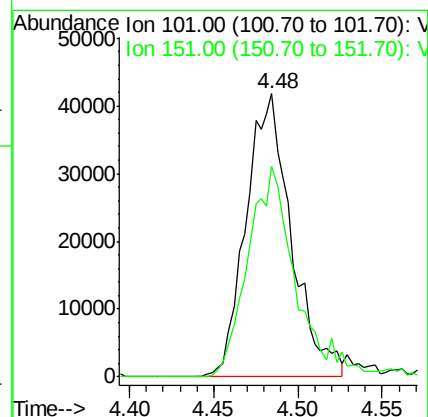
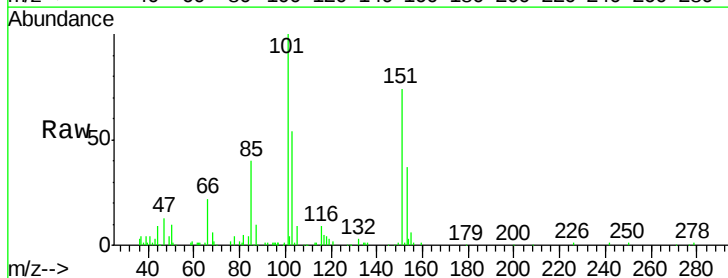
Acq: 27 Apr 2021 3:20

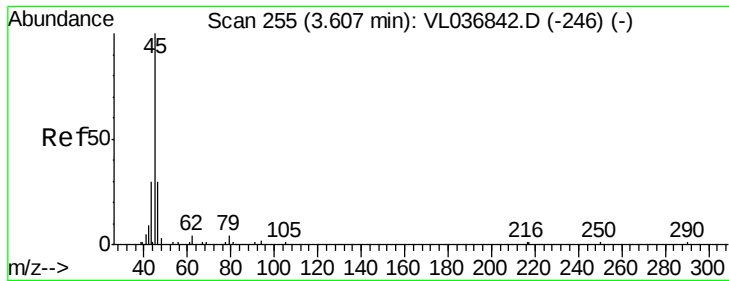
Tgt Ion:101 Resp: 77944

Ion Ratio Lower Upper

101 100

151 0.0 61.1 91.7#



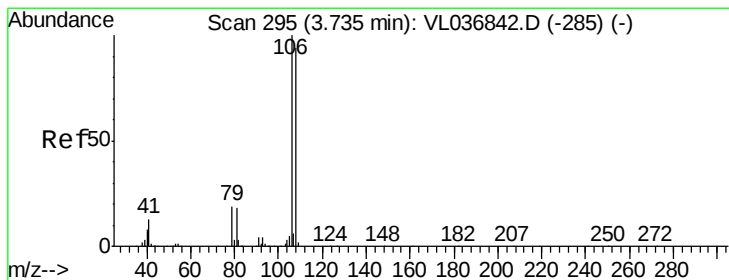
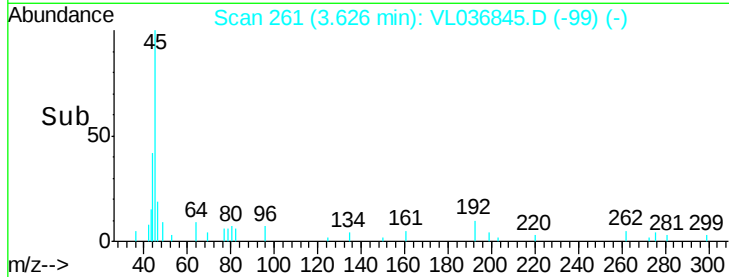
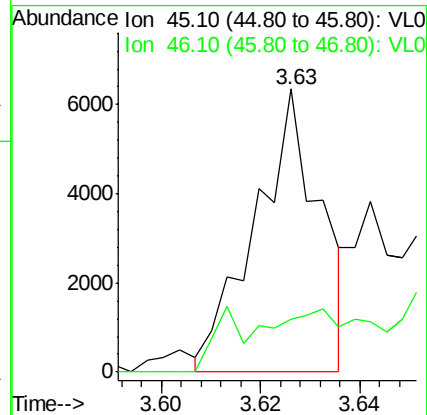
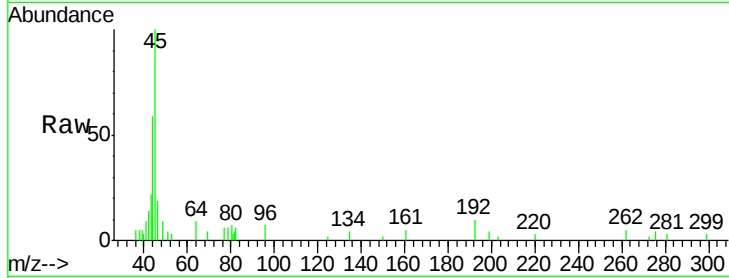


#13
Ethanol
Concen: 0.523 ppbv m
RT: 3.63
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 27 Apr 2021 3:20

Tot Ion:
Ion Ratio
45 100
46 0.

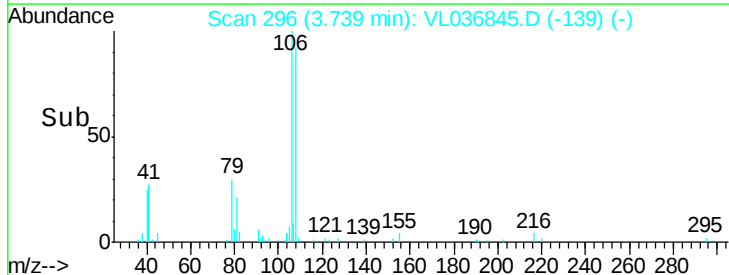
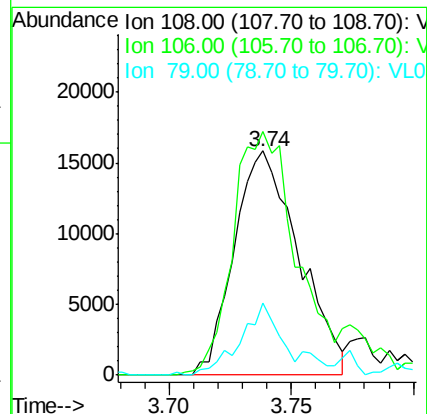
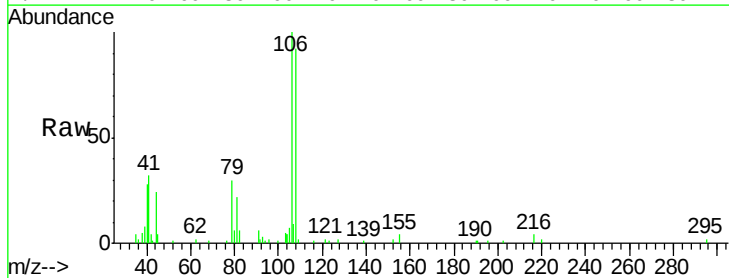
Manual Integrations
APPROVED

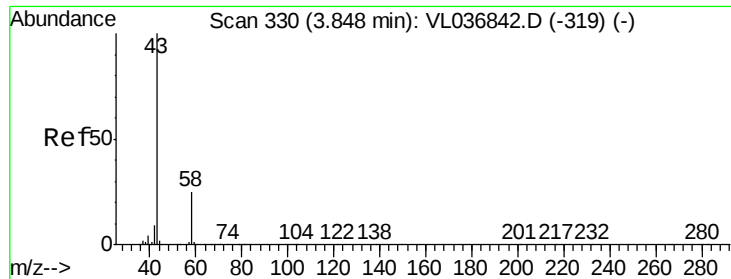
Reviewed By :Semsettin Yesilyurt 04/28/2021
Supervised By :Mahesh Dadoda 04/29/2021



#14
Bromoethene
Concen: 0.420 ppbv
RT: 3.74 min Scan# 296
Delta R.T. 0.00 min
Lab File: VL036845.D
Acq: 27 Apr 2021 3:20

Tgt Ion:108 Resp: 29150
Ion Ratio Lower Upper
108 100
106 122.3 88.5 132.7
79 27.9 17.9 26.9#





#15

Acetone

Concen: 0.532 ppbv m

RT: 3.87 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 27 Apr 2021 3:20 VSTDIC0.5

Tot Ion:

Ion Ratio

43 100

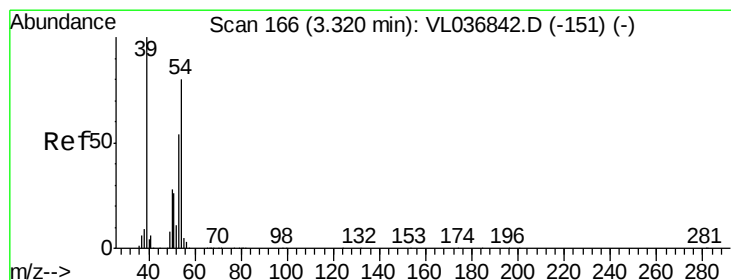
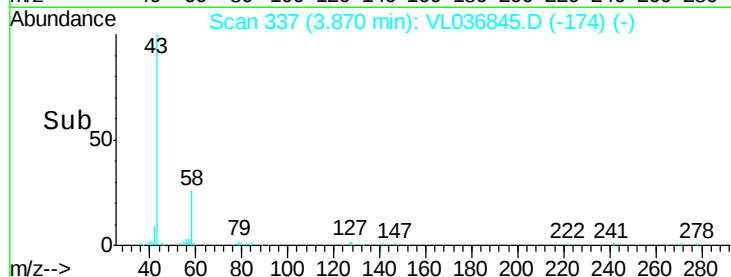
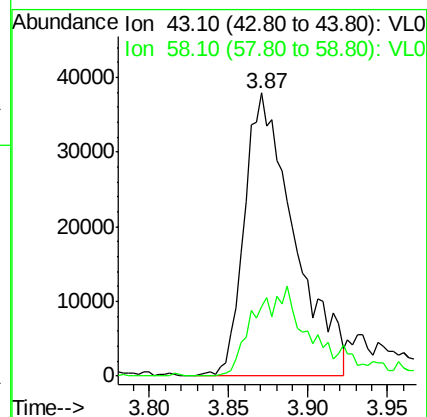
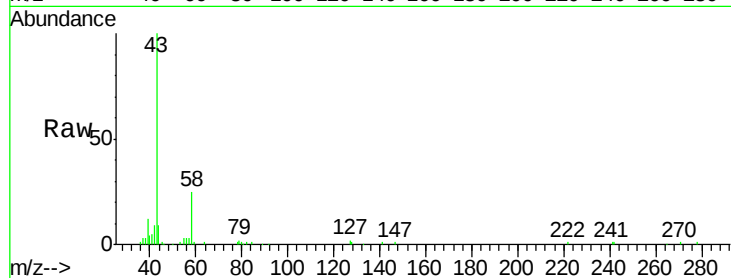
58 38.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2021

Supervised By :Mahesh Dadoda 04/29/2021



#16

1,3-Butadiene

Concen: 0.386 ppbv m

RT: 3.33 min Scan# 168

Delta R.T. 0.01 min

Lab File: VL036845.D

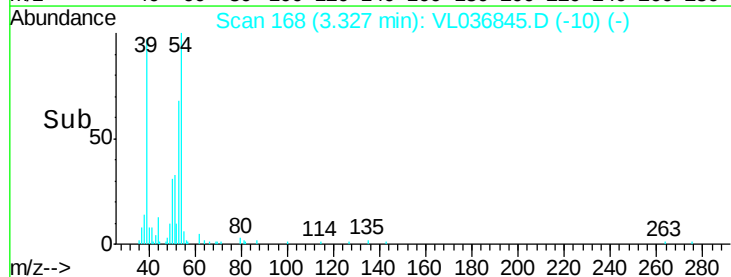
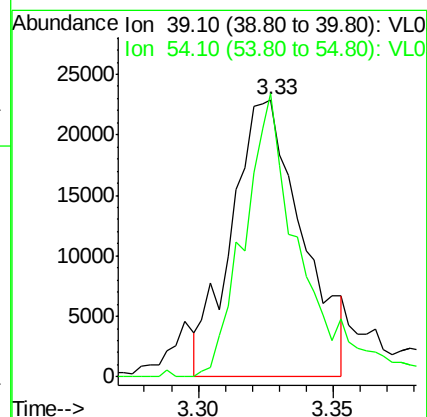
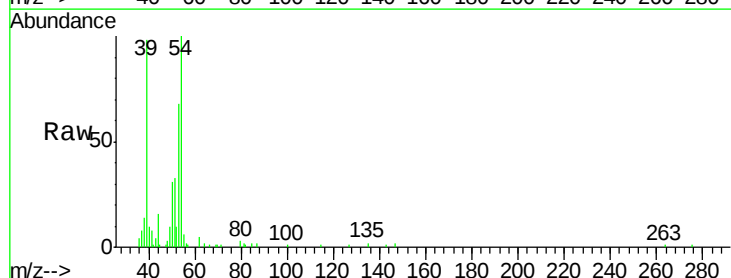
Acq: 27 Apr 2021 3:20

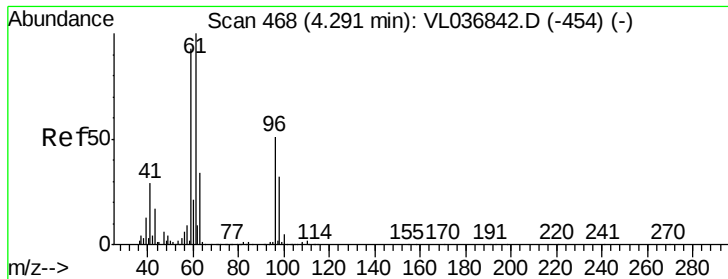
Tgt Ion: 39 Resp: 41714

Ion Ratio Lower Upper

39 100

54 83.4 59.6 89.4





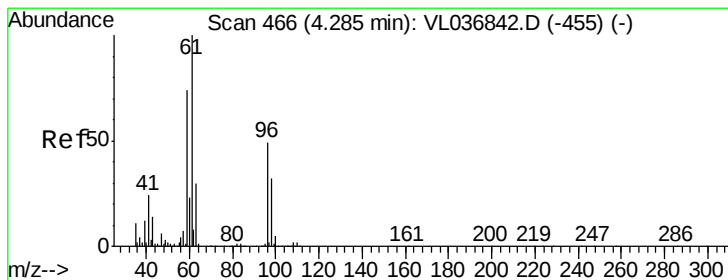
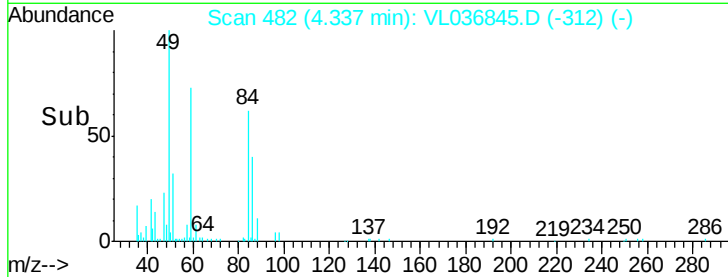
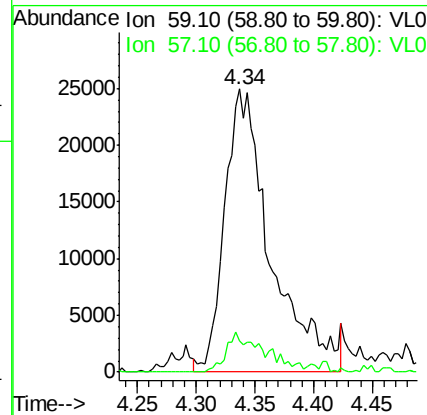
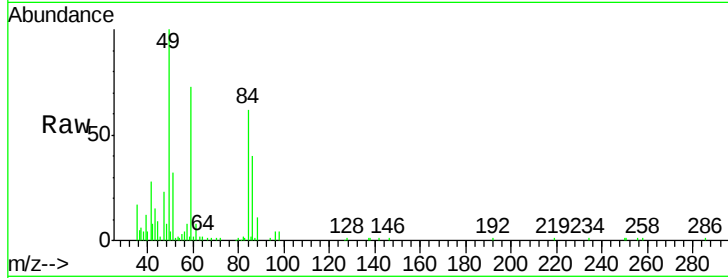
#17

tert-Butyl alcohol
Concen: 0.500 ppbv m
RT: 4.34
Instrument: MSVOA_1
Delta R.T.
Lab File: ClientSampleId :
Acq: 27 Apr 2021 3:20

Tot Ion:
Ion Ratio
59 100
57 0.

Manual Integrations
APPROVED

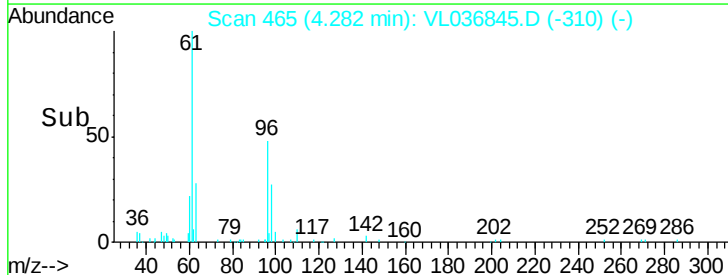
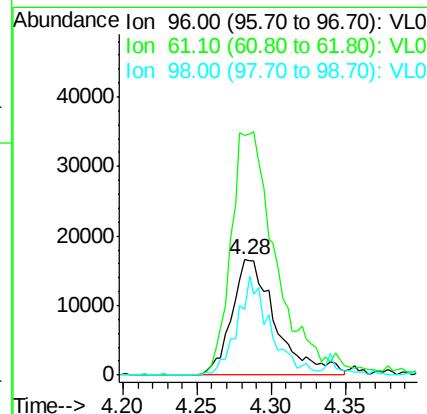
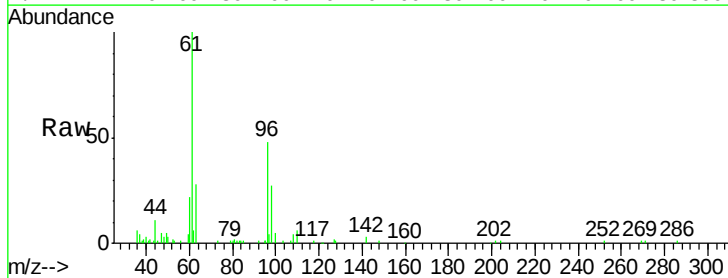
Reviewed By :Semsettin Yesilyurt 04/28/2021
Supervised By :Mahesh Dadoda 04/29/2021

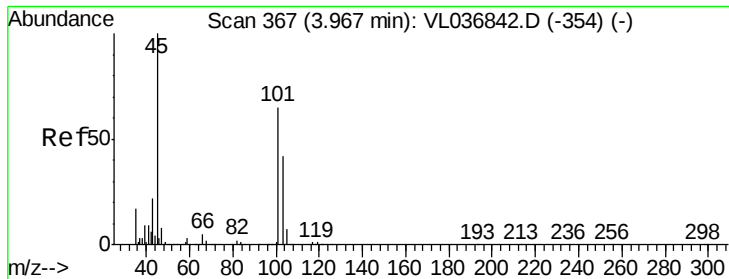


#18

1,1-Dichloroethene
Concen: 0.464 ppbv m
RT: 4.28 min Scan# 465
Delta R.T. -0.00 min
Lab File: VL036845.D
Acq: 27 Apr 2021 3:20

Tgt Ion: 96 Resp: 34343
Ion Ratio Lower Upper
96 100
61 208.2 162.2 243.2
98 56.5 51.8 77.6





#19

Isopropyl Alcohol

Concen: 0.529 ppbv m

RT: 4.00 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 27 Apr 2021 3:20

Tot Ion:

Ion Ratio

45 100

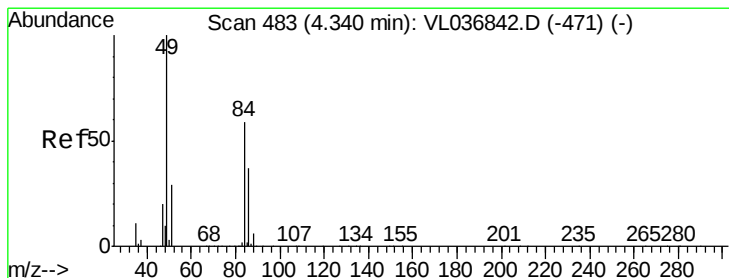
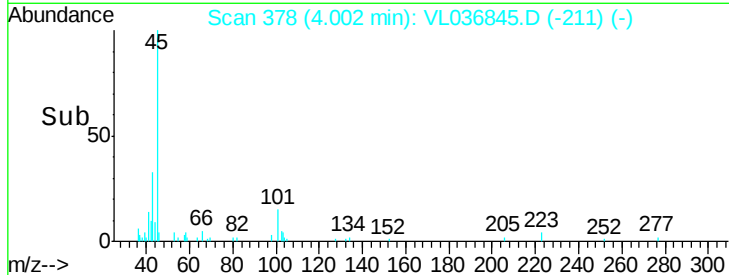
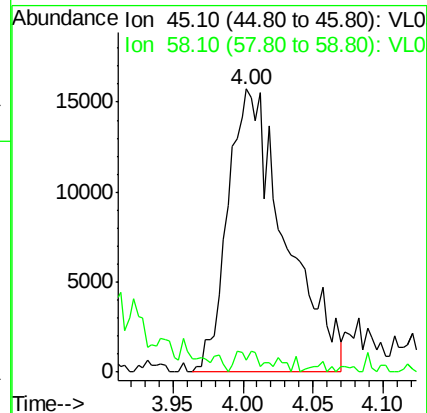
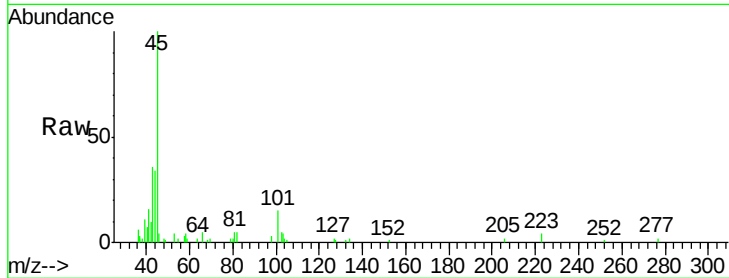
58 0.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2021

Supervised By :Mahesh Dadoda 04/29/2021



#20

Methylene Chloride

Concen: 0.600 ppbv m

RT: 4.34 min Scan# 484

Delta R.T. 0.00 min

Lab File: VL036845.D

Acq: 27 Apr 2021 3:20

Tgt Ion: 84 Resp: 43357

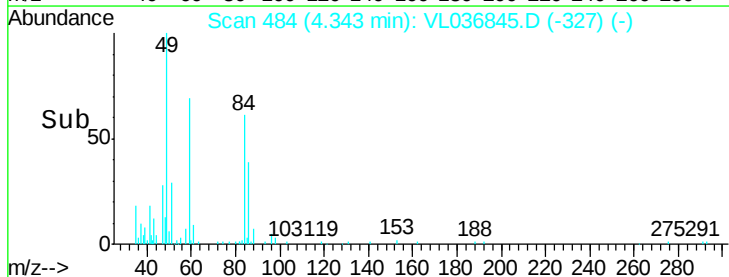
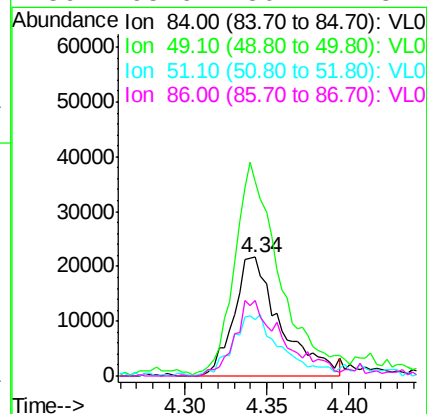
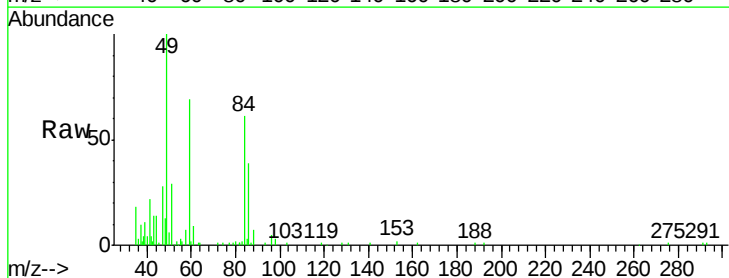
Ion Ratio Lower Upper

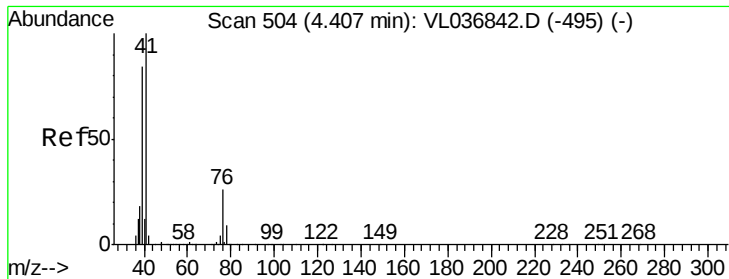
84 100

49 163.5 135.4 203.0

51 47.6 39.3 58.9

86 63.6 50.2 75.2



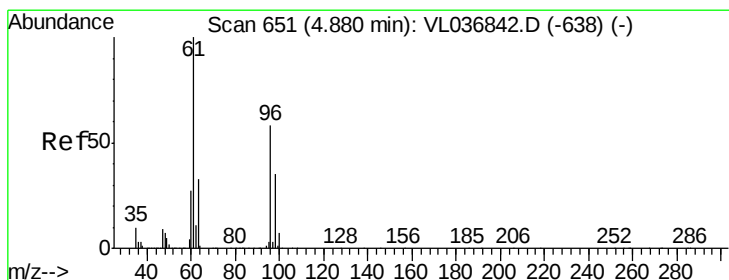
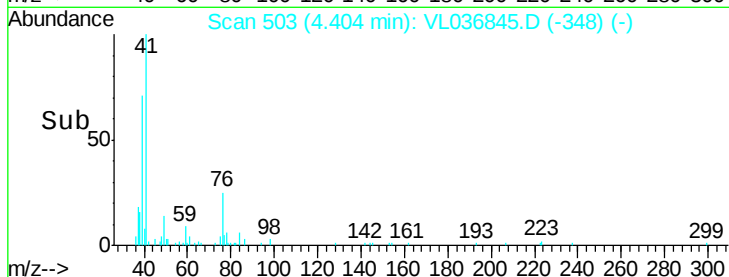
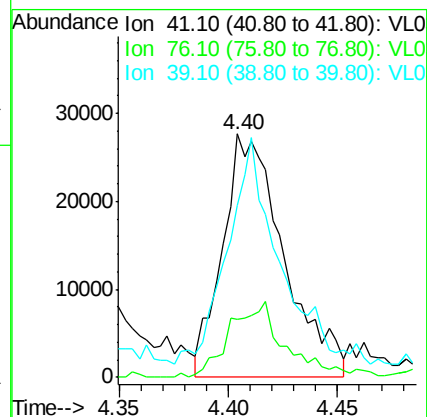
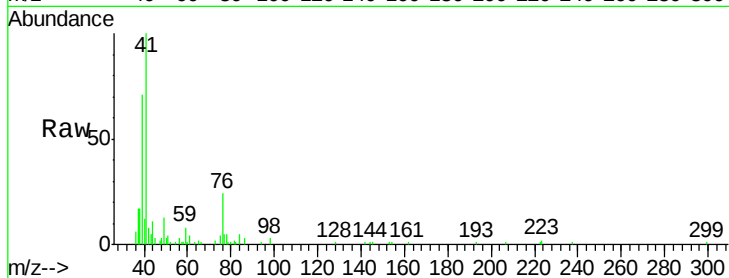


#21
 Allvl Chloride
 Concen: 0.437 ppbv m
 RT: 4.40
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 Acq: 27 Apr 2021 3:20

Tot Ion:
 Ion Ratio
 41 100
 76 0.
 39 0.

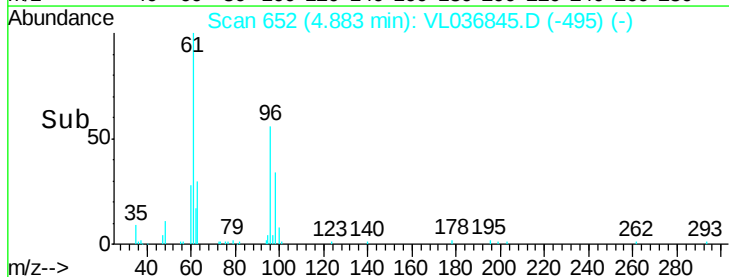
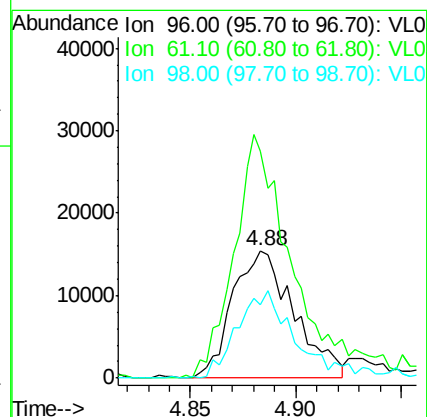
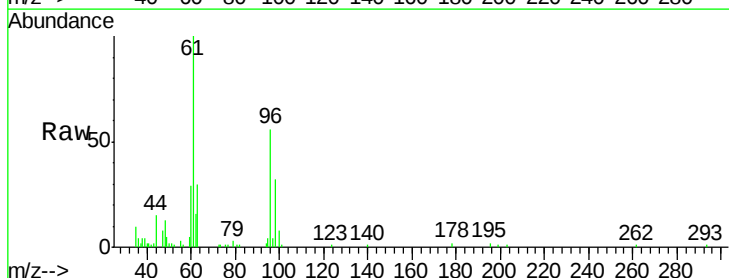
Manual Integrations
 APPROVED

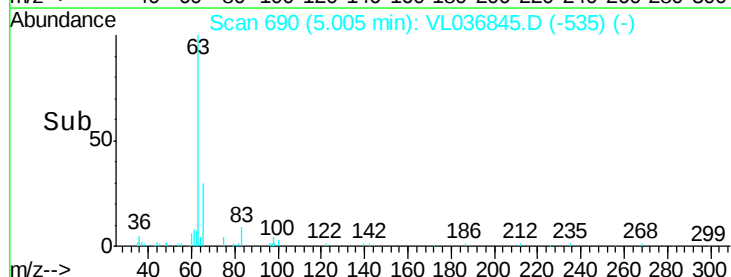
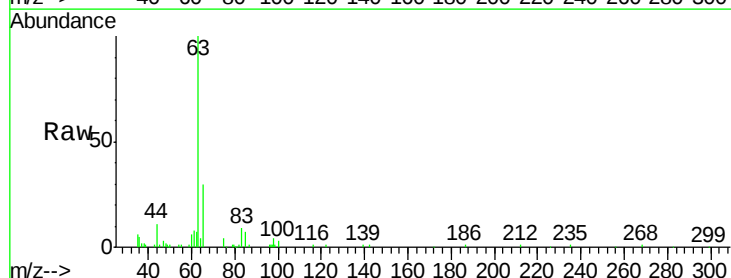
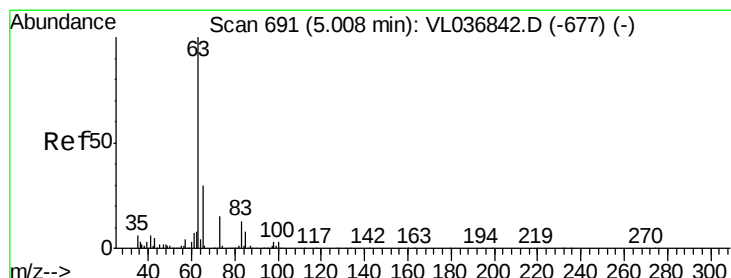
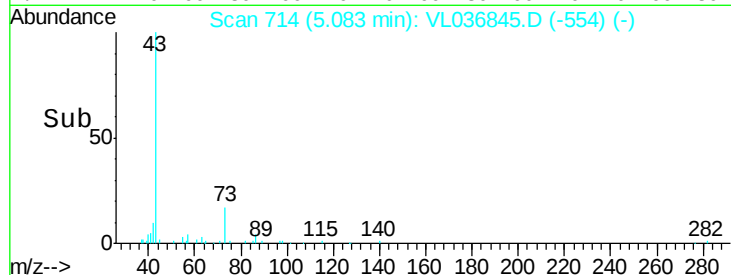
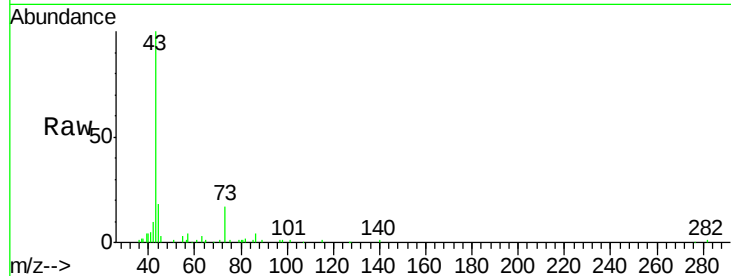
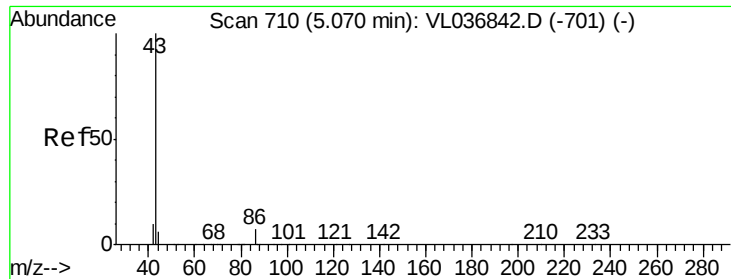
Reviewed By :Semsettin Yesilyurt 04/28/2021
 Supervised By :Mahesh Dadoda 04/29/2021



#22
 trans-1,2-Dichloroethene
 Concen: 0.449 ppbv
 RT: 4.88 min Scan# 652
 Delta R.T. 0.00 min
 Lab File: VL036845.D
 Acq: 27 Apr 2021 3:20

Tgt Ion: 96 Resp: 31287
 Ion Ratio Lower Upper
 96 100
 61 178.3 138.6 207.8
 98 55.9 48.1 72.1



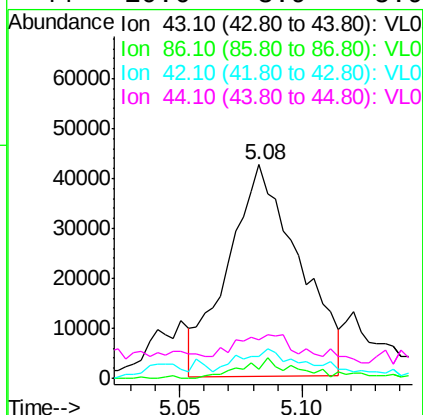


#23
Vinvl Acetate
Concen: 0.325 ppbv
RT: 5.08
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 27 Apr 2021 3:20

Tot Ion:
Ion Ratio
43 100
86 5.
42 9.
44 10.6 3.9 5.9#

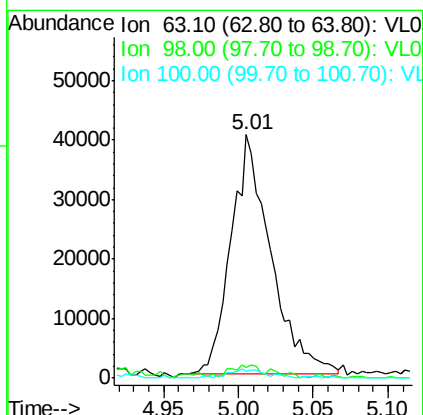
Manual Integrations
APPROVED

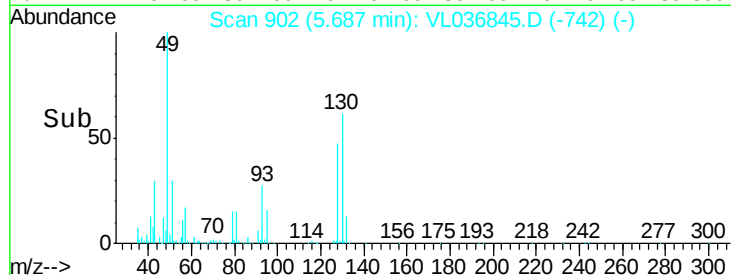
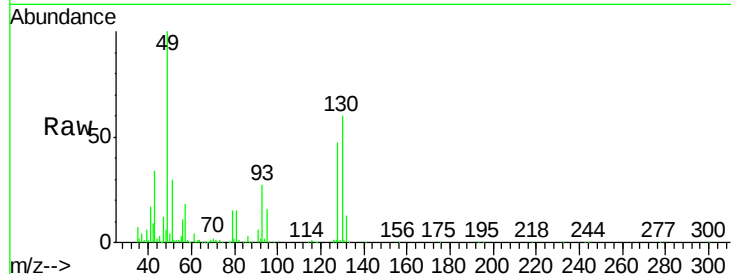
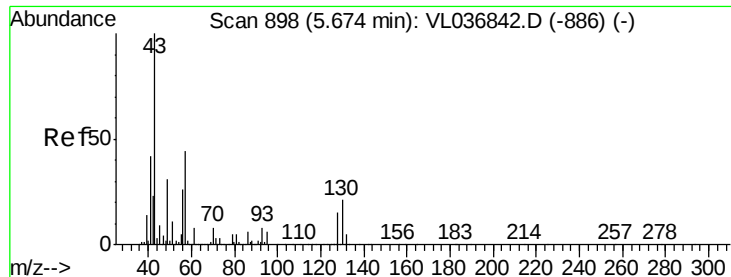
Reviewed By :Semsettin Yesilyurt 04/28/2021
Supervised By :Mahesh Dadoda 04/29/2021



#24
1,1-Dichloroethane
Concen: 0.402 ppbv
RT: 5.01 min Scan# 690
Delta R.T. -0.00 min
Lab File: VL036845.D
Acq: 27 Apr 2021 3:20

Tgt Ion: 63 Resp: 74929
Ion Ratio Lower Upper
63 100
98 4.8 1.7 5.1
100 3.1 1.3 3.8



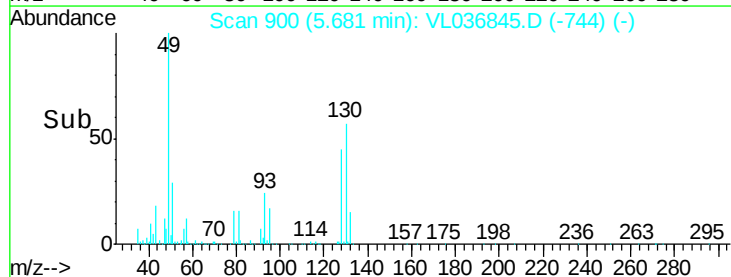
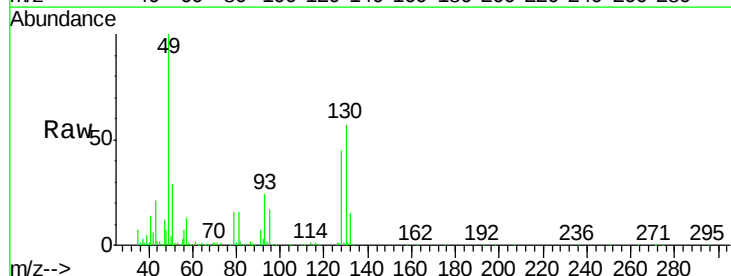
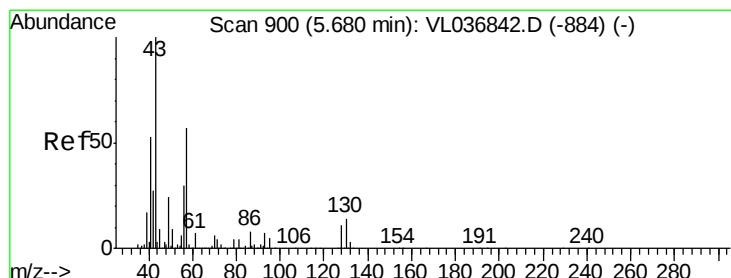
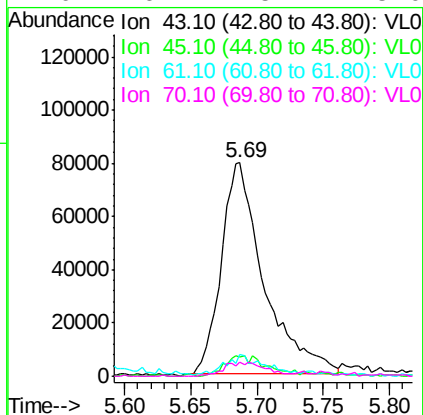


#25
Ethyl Acetate
Concen: 0.473 ppbv
RT: 5.69
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 27 Apr 2021 3:20

Tot Ion:
Ion Ratio
43 100
45 10.
61 8.
70 6.4 5.4 8.0

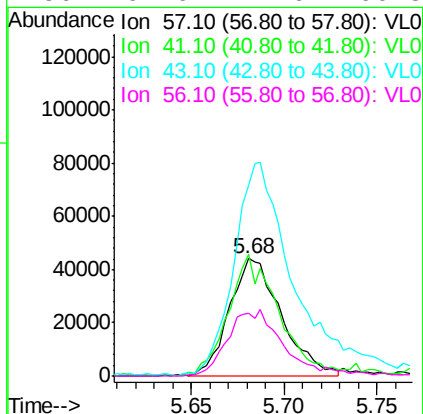
Manual Integrations
APPROVED

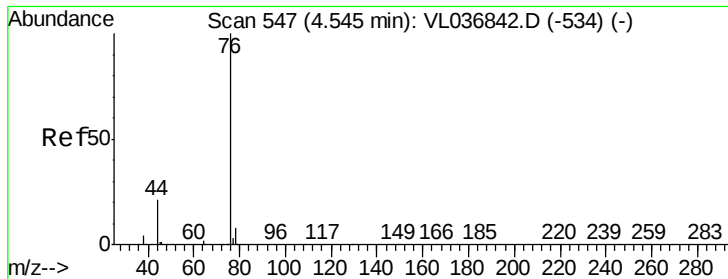
Reviewed By :Semsettin Yesilyurt 04/28/2021
Supervised By :Mahesh Dadoda 04/29/2021



#26
Hexane
Concen: 0.493 ppbv
RT: 5.68 min Scan# 900
Delta R.T.: 0.00 min
Lab File: VL036845.D
Acq: 27 Apr 2021 3:20

Tgt Ion: 57 Resp: 85288
Ion Ratio Lower Upper
57 100
41 108.4 77.7 116.5
43 222.3 180.5 270.7
56 62.6 44.6 66.8





#27

Carbon Disulfide

Concen: 0.385 ppbv m

RT: 4.55 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 27 Apr 2021 3:20 VSTDIC0.5

Tot Ion:

Ion Ratio

76 100

44 34.

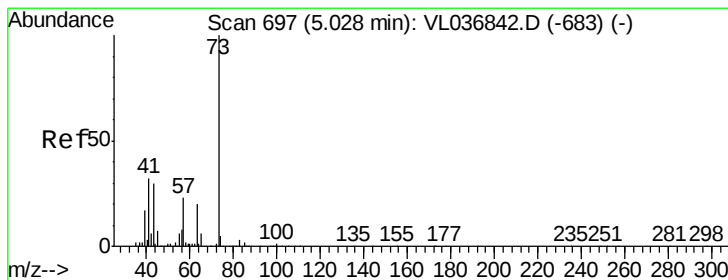
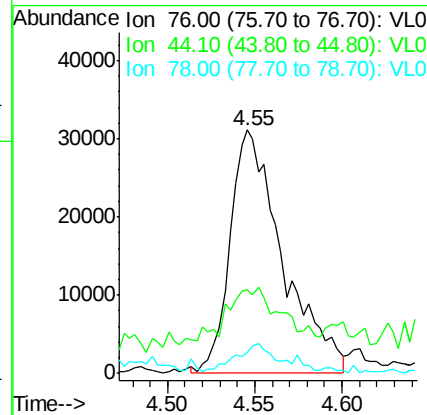
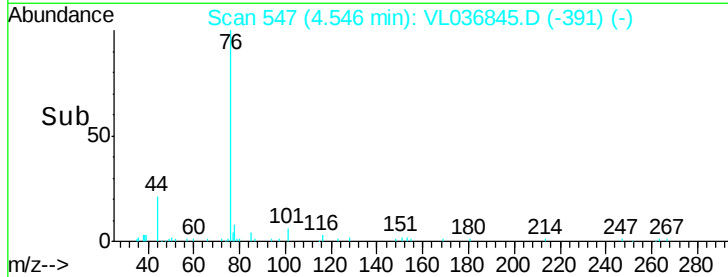
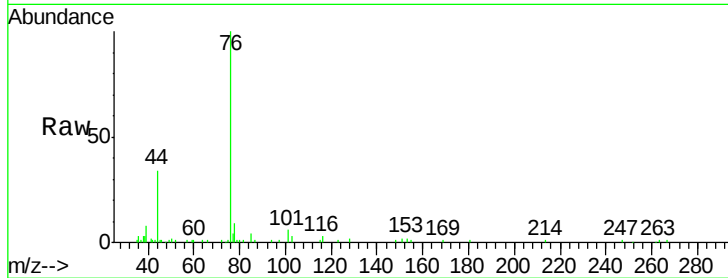
78 12.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2021

Supervised By :Mahesh Dadoda 04/29/2021



#28

Methyl tert-Butyl Ether

Concen: 0.397 ppbv m

RT: 5.05 min Scan# 704

Delta R.T. 0.02 min

Lab File: VL036845.D

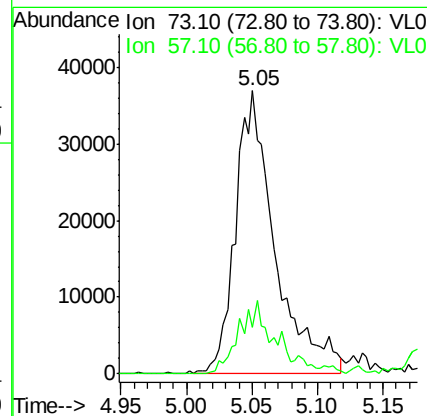
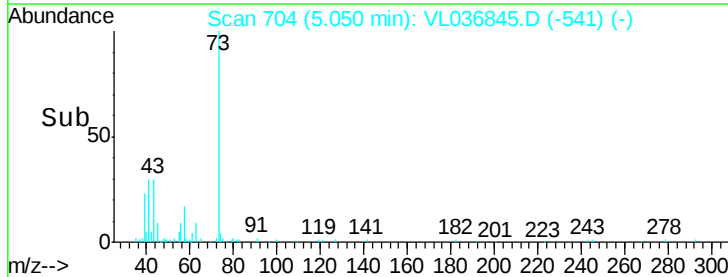
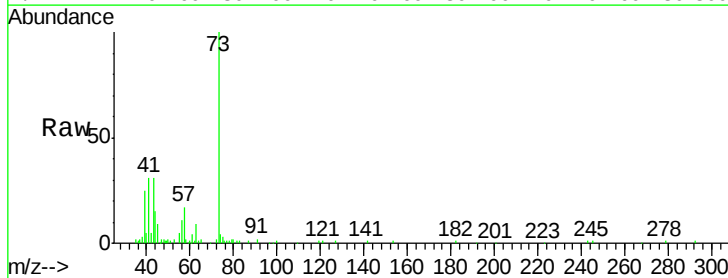
Acq: 27 Apr 2021 3:20

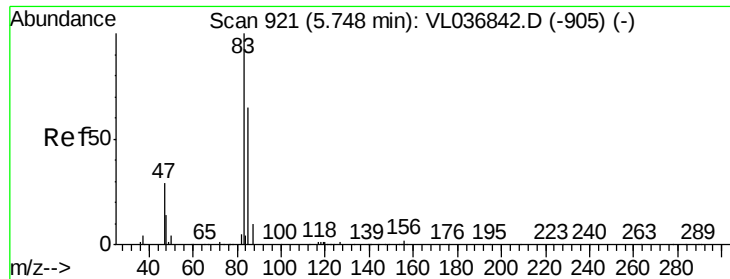
Tgt Ion: 73 Resp: 77628

Ion Ratio Lower Upper

73 100

57 0.0 19.0 28.6#



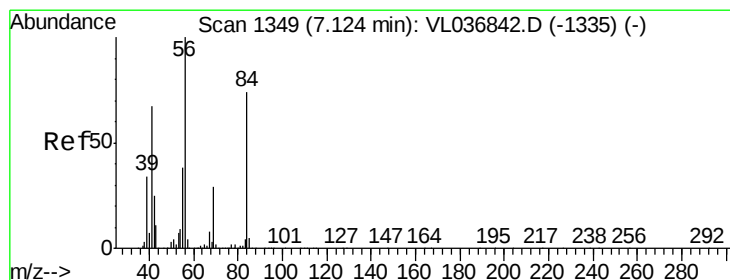
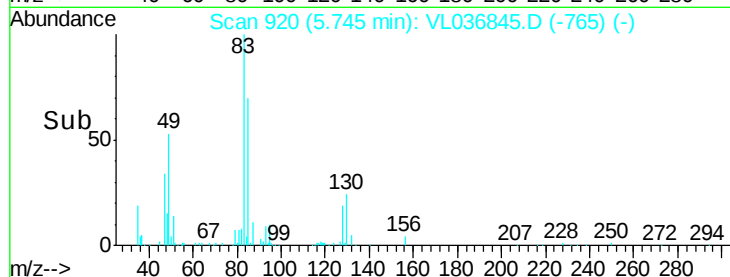
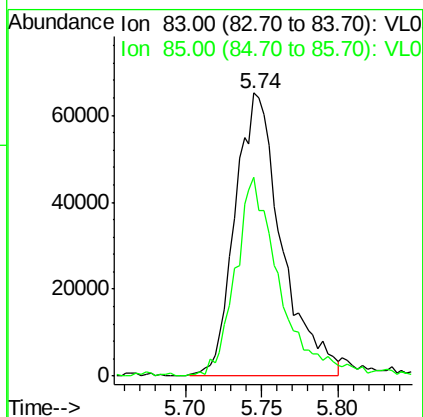
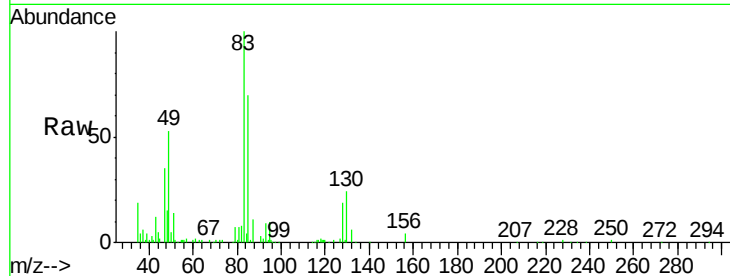


#29
Chloroform
Concen: 0.494 ppbv m
RT: 5.74 Instrument : MSVOA_1
Delta R.T. : ClientSampleId :
Lab File: VSTDIC0.5
Acq: 27 Apr 2021 3:20

Tot Ion:
Ion Ratio
83 100
85 70.

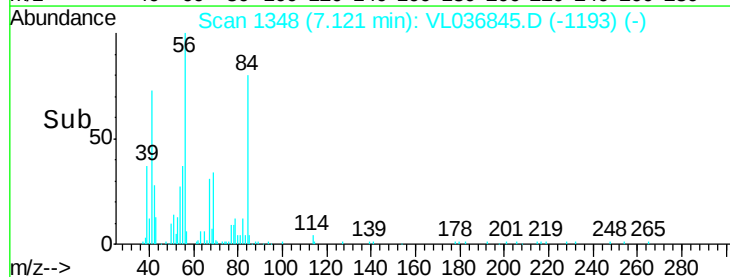
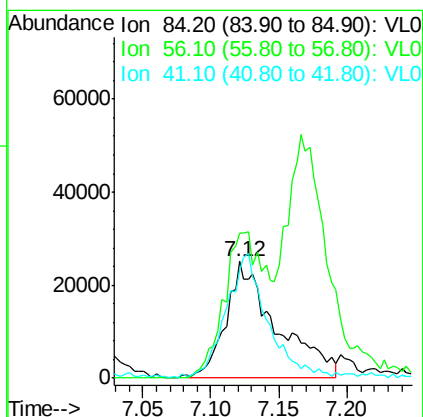
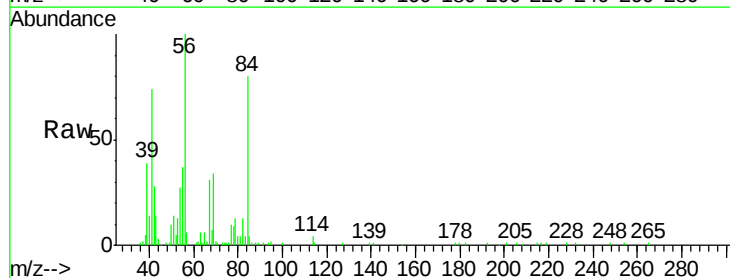
Manual Integrations
APPROVED

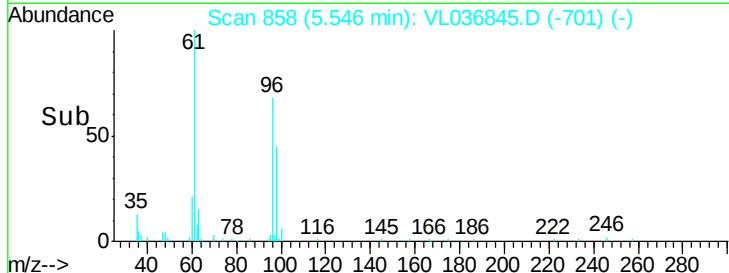
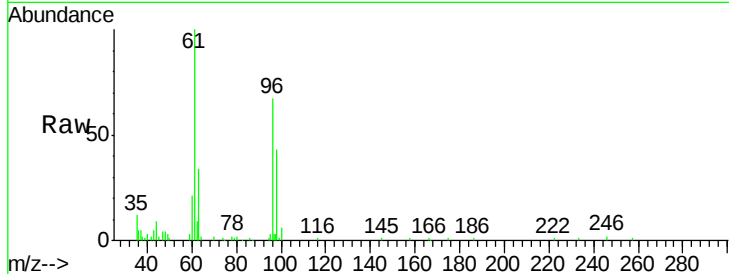
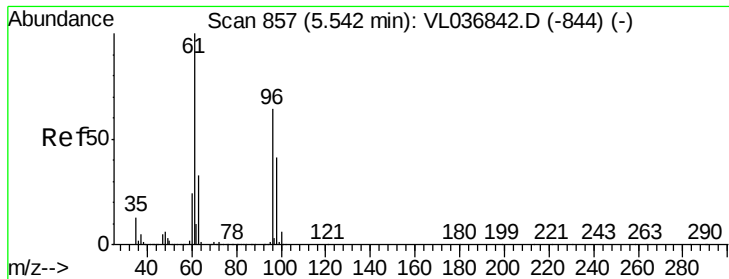
Reviewed By :Semsettin Yesilyurt 04/28/2021
Supervised By :Mahesh Dadoda 04/29/2021



#30
Cyclohexane
Concen: 0.462 ppbv m
RT: 7.12 min Scan# 1348
Delta R.T. -0.00 min
Lab File: VL036845.D
Acq: 27 Apr 2021 3:20

Tgt Ion: 84 Resp: 65037
Ion Ratio Lower Upper
84 100
56 0.0 115.8 173.6#
41 0.0 74.6 111.8#





#31

cis-1,2-Dichloroethene

Concen: 0.389 ppbv

RT: 5.55 Instrument: MSVOA_1

Delta R.T. 0.00 min

Lab File: ClientSampleId :

Acq: 27 Apr 2021 3:20

Tot Ion:

Ion Ratio

61 100

96 69.

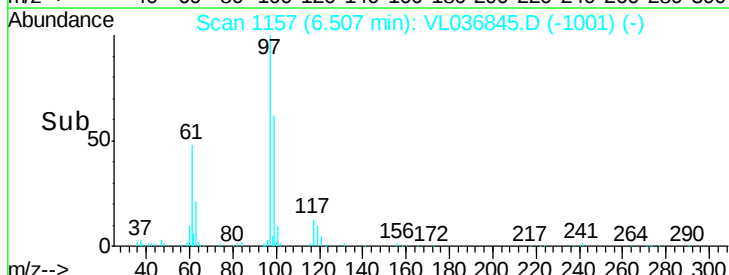
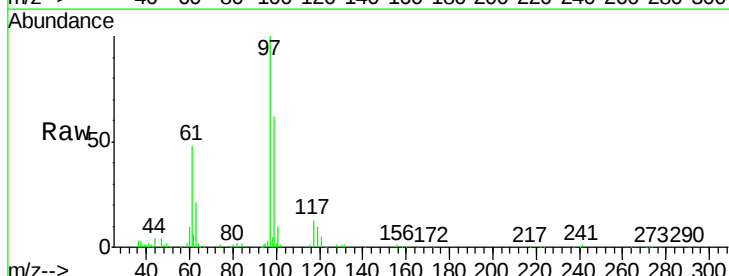
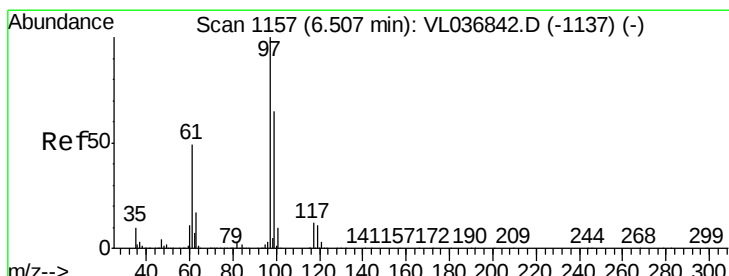
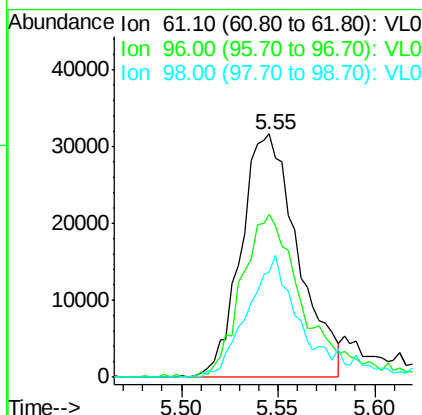
98 43.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2021

Supervised By :Mahesh Dadoda 04/29/2021



#32

1,1,1-Trichloroethane

Concen: 0.471 ppbv

RT: 6.51 min Scan# 1157

Delta R.T. 0.00 min

Lab File: VL036845.D

Acq: 27 Apr 2021 3:20

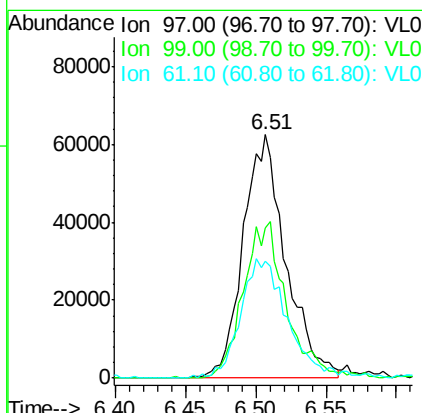
Tgt Ion: 97 Resp: 132480

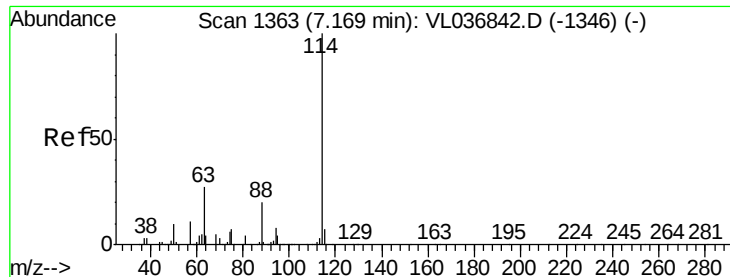
Ion Ratio Lower Upper

97 100

99 65.6 51.8 77.6

61 54.5 40.8 61.2



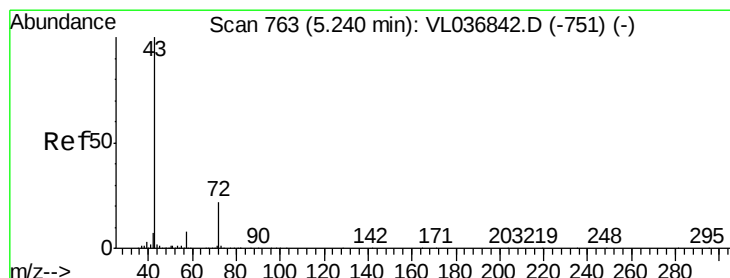
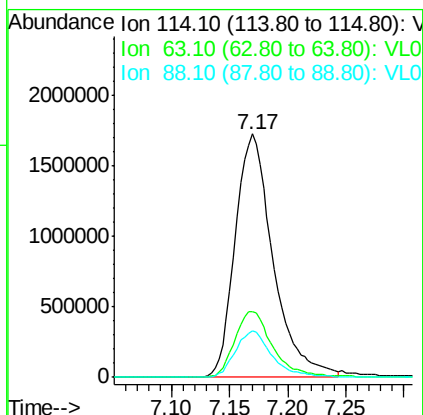
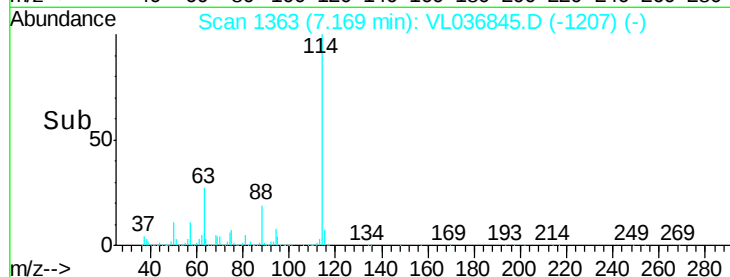
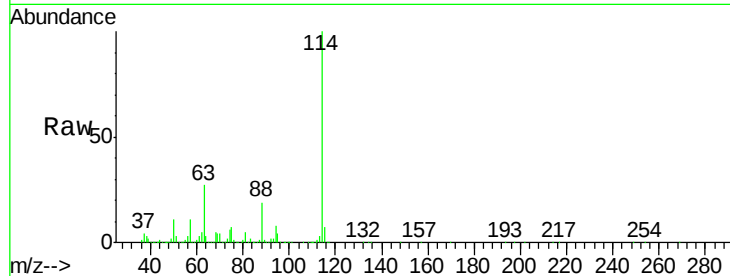


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 27 Apr 2021 3:20

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

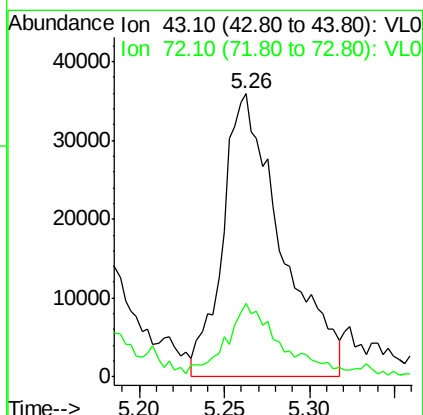
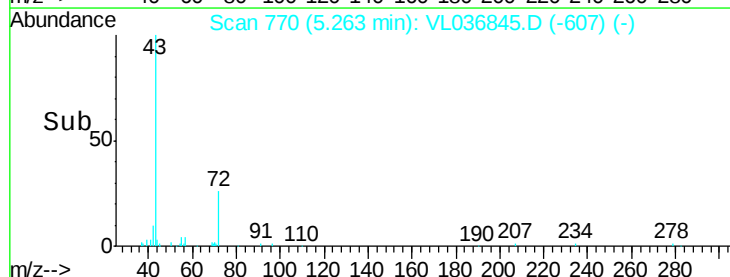
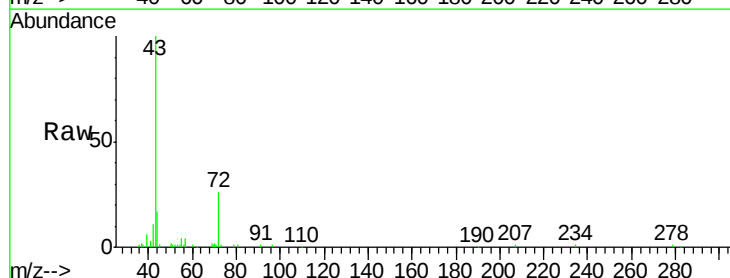
Manual Integrations
 APPROVED

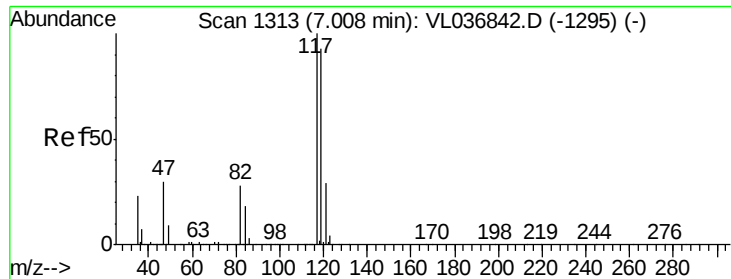
Reviewed By :Semsettin Yesilyurt 04/28/2021
 Supervised By :Mahesh Dadoda 04/29/2021



#34
 2-Butanone
 Concen: 0.459 ppbv m
 RT: 5.26 min Scan# 770
 Delta R.T. 0.02 min
 Lab File: VL036845.D
 Acq: 27 Apr 2021 3:20

Tgt Ion: 43 Resp: 86188
 Ion Ratio Lower Upper
 43 100
 72 0.0 17.5 26.3#



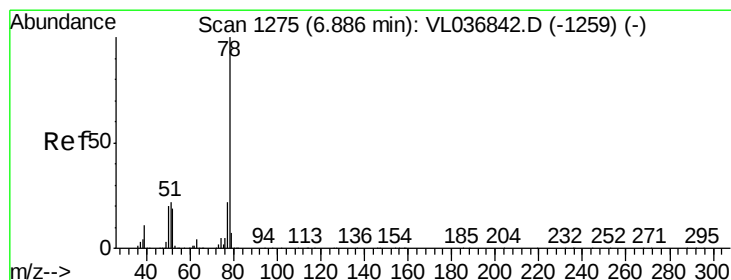
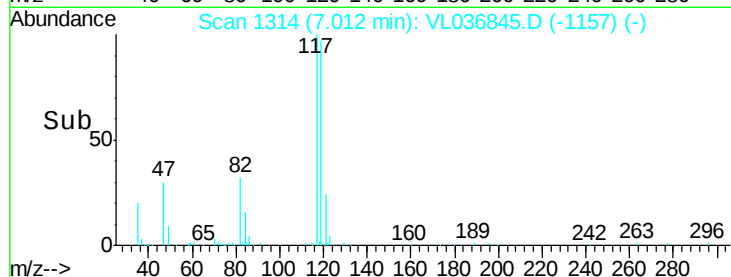
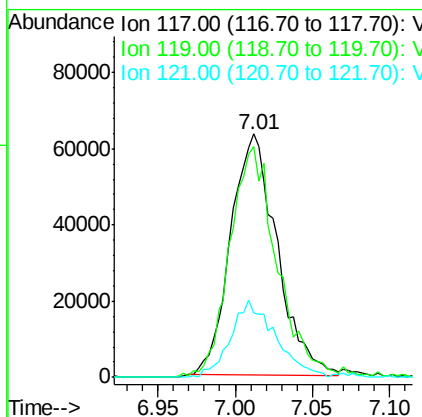
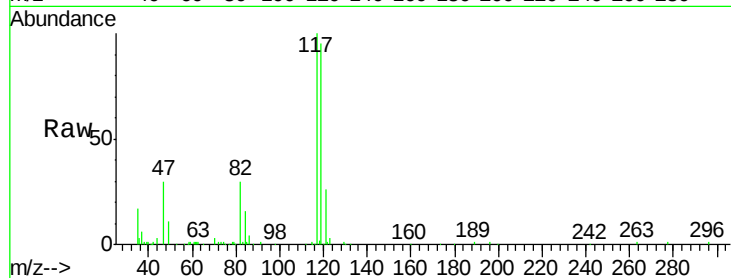


#35
Carbon Tetrachloride
Concen: 0.439 ppbv
RT: 7.01
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 27 Apr 2021 3:20

Tot Ion: 1
Ion Ratio
117 100
119 95.
121 26.

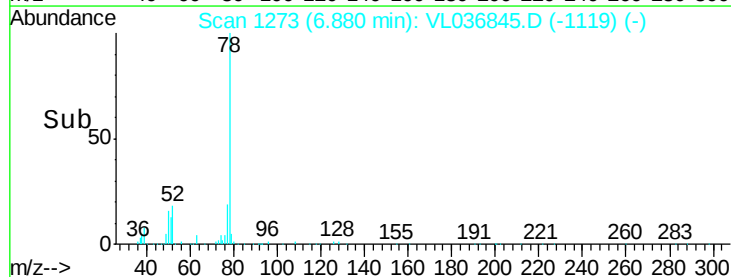
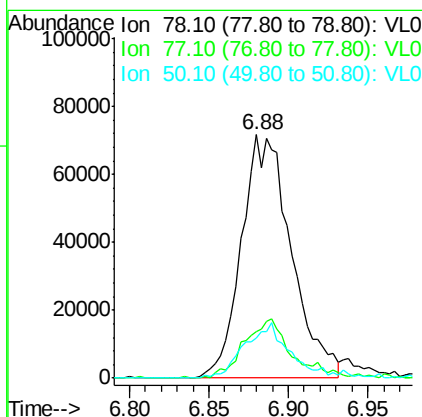
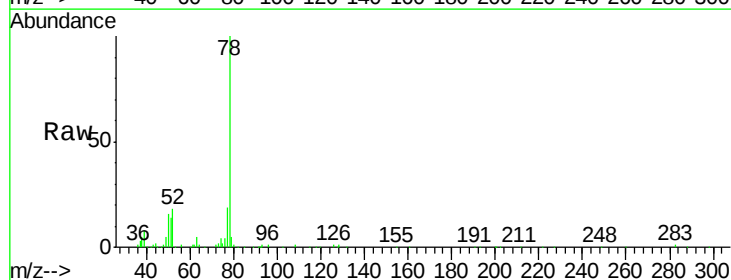
Manual Integrations
APPROVED

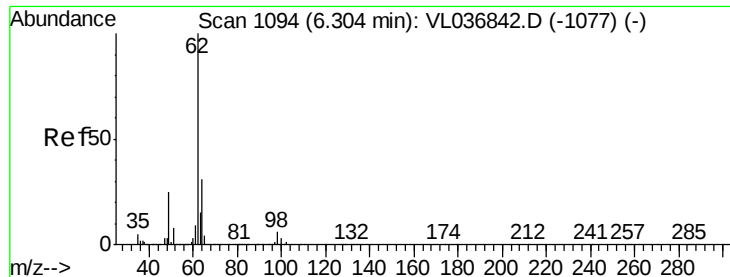
Reviewed By: Semsettin Yesilyurt 04/28/2021
Supervised By: Mahesh Dadoda 04/29/2021



#36
Benzene
Concen: 0.436 ppbv m
RT: 6.88 min Scan# 1273
Delta R.T. -0.01 min
Lab File: VL036845.D
Acq: 27 Apr 2021 3:20

Tgt Ion: 78 Resp: 155940
Ion Ratio Lower Upper
78 100
77 18.9 17.6 26.4
50 16.4 16.3 24.5



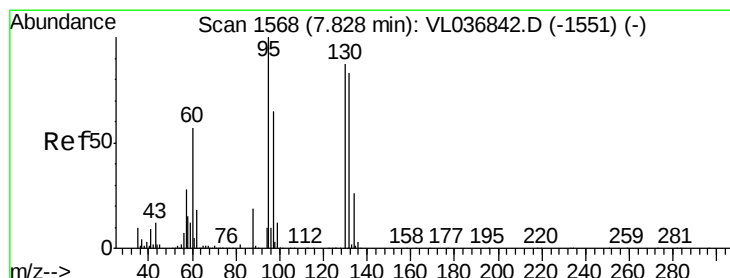
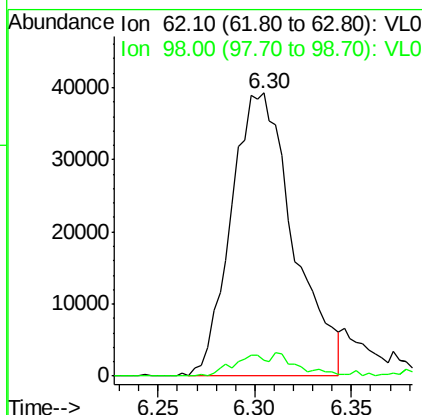
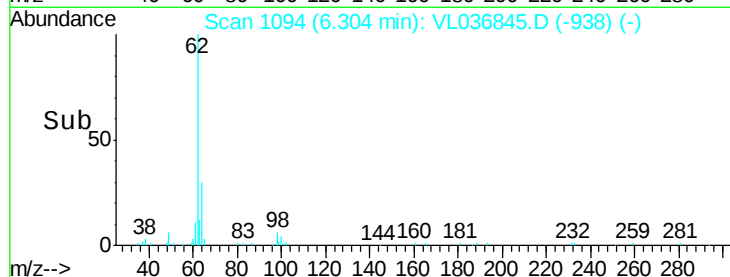
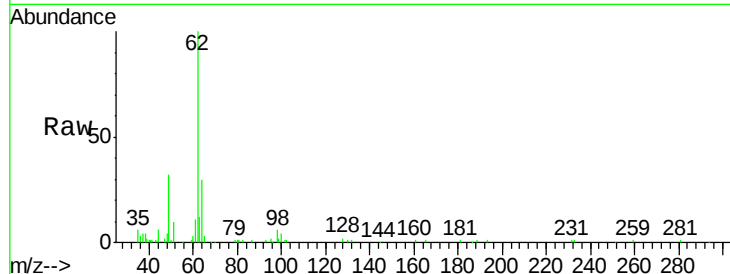


#37
 1,2-Dichloroethane
 Concen: 0.420 ppbv
 RT: 6.30
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 27 Apr 2021 3:20

Tot Ion:
 Ion Ratio
 62 100
 98 7.

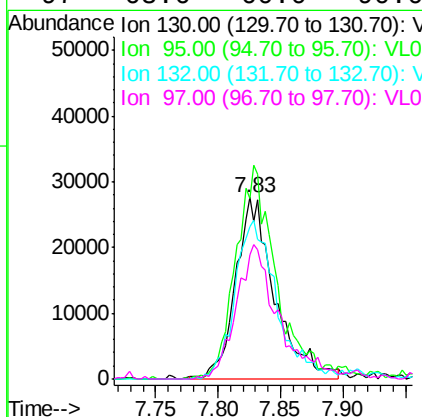
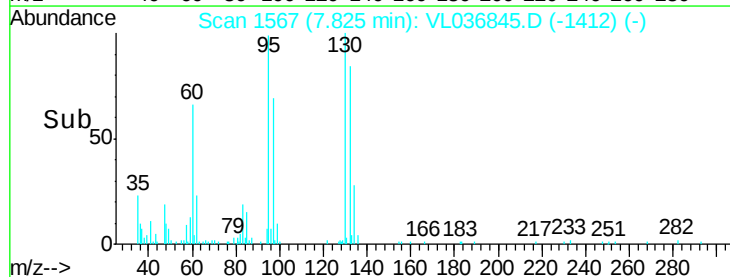
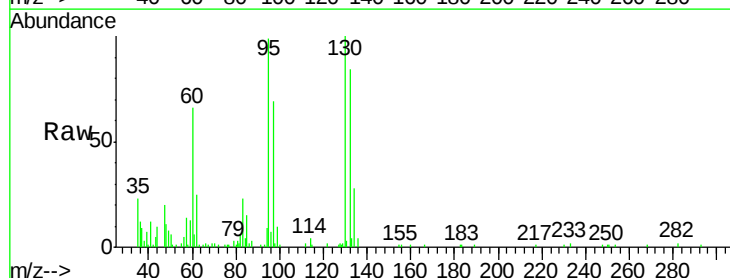
Manual Integrations
 APPROVED

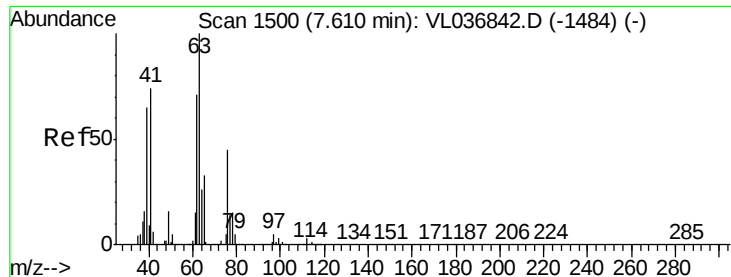
Reviewed By :Semsettin Yesilyurt 04/28/2021
 Supervised By :Mahesh Dadoda 04/29/2021



#38
 Trichloroethene
 Concen: 0.430 ppbv m
 RT: 7.83 min Scan# 1567
 Delta R.T. -0.00 min
 Lab File: VL036845.D
 Acq: 27 Apr 2021 3:20

Tgt Ion:130 Resp: 60360
 Ion Ratio Lower Upper
 130 100
 95 99.2 92.3 138.5
 132 83.6 76.8 115.2
 97 68.6 60.0 90.0



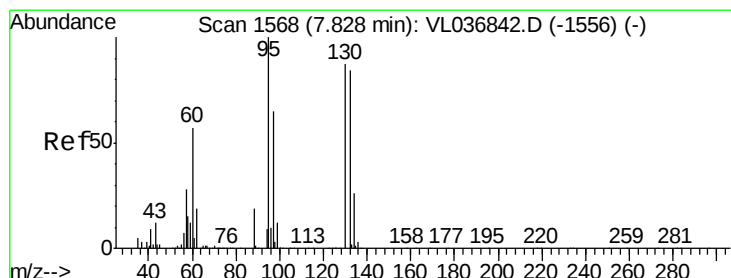
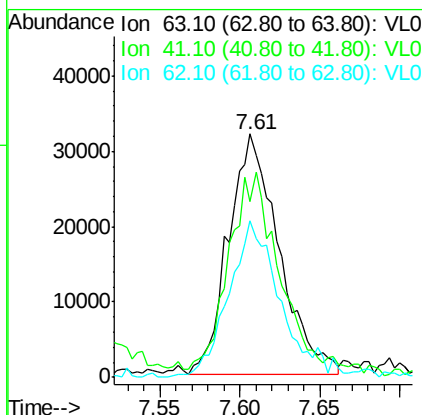
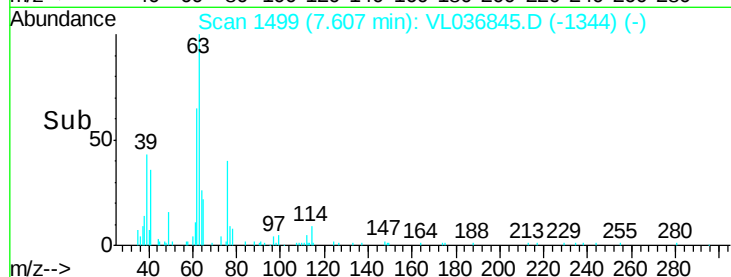
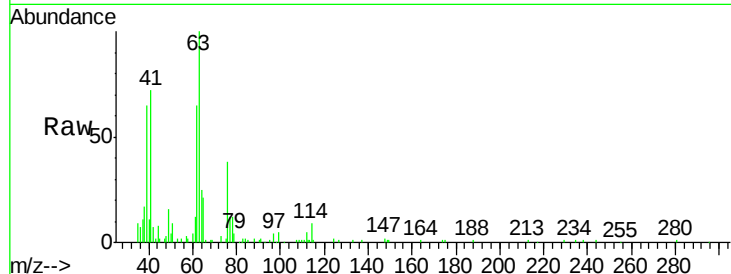


#39
 1,2-Dichloropropane
 Concen: 0.476 ppbv
 RT: 7.61 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 27 Apr 2021 3:20

Tot Ion:
 Ion Ratio
 63 100
 41 69.
 62 64.

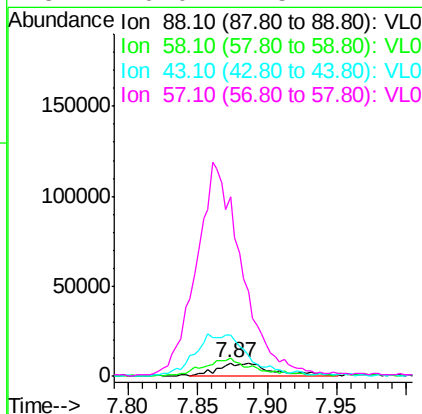
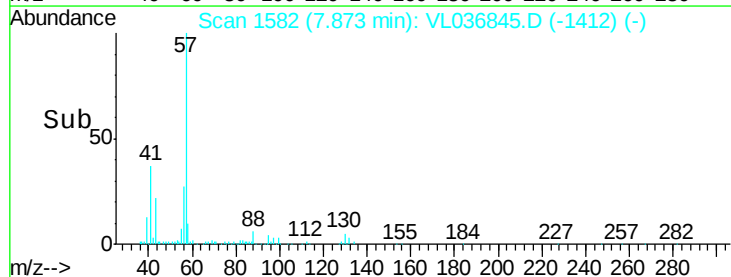
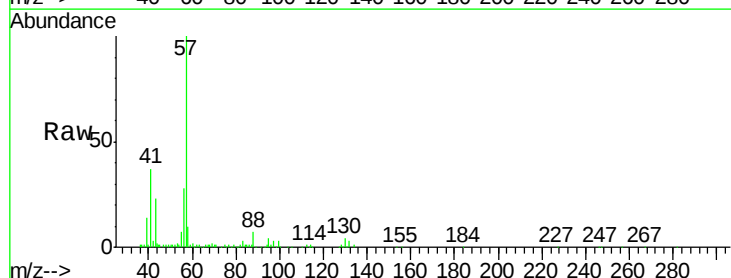
Manual Integrations
 APPROVED

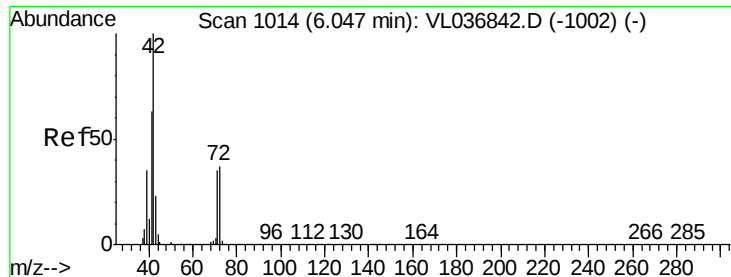
Reviewed By :Semsettin Yesilyurt 04/28/2021
 Supervised By :Mahesh Dadoda 04/29/2021



#40
 1,4-Dioxane
 Concen: 0.582 ppbv m
 RT: 7.87 min Scan# 1582
 Delta R.T. 0.05 min
 Lab File: VL036845.D
 Acq: 27 Apr 2021 3:20

Tgt Ion: 88 Resp: 19822
 Ion Ratio Lower Upper
 88 100
 58 0.0 129.8 194.8#
 43 0.0 326.5 489.7#
 57 0.0 1428.2 2142.4#





#41

Tetrahydrofuran

Concen: 0.365 ppbv m

RT: 6.08 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 27 Apr 2021 3:20 VSTDIC0.5

Tot Ion:

Ion Ratio

42 100

72 0.

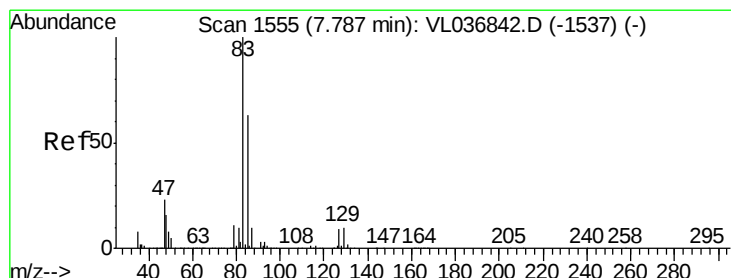
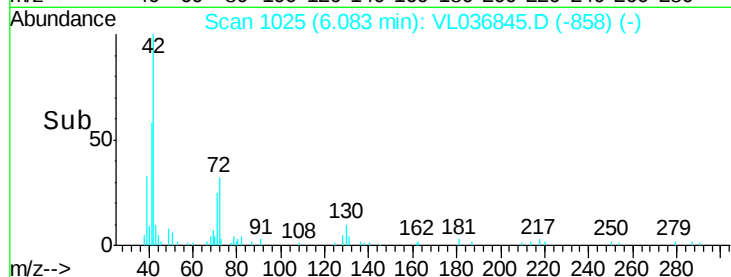
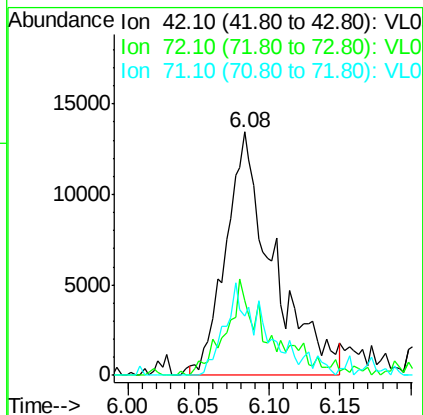
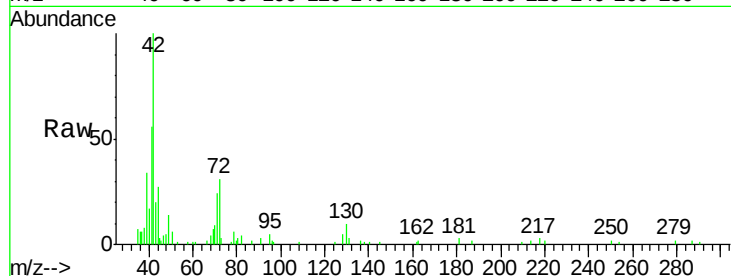
71 0.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2021

Supervised By :Mahesh Dadoda 04/29/2021



#42

Bromodichloromethane

Concen: 0.424 ppbv

RT: 7.78 min Scan# 1554

Delta R.T. -0.00 min

Lab File: VL036845.D

Acq: 27 Apr 2021 3:20

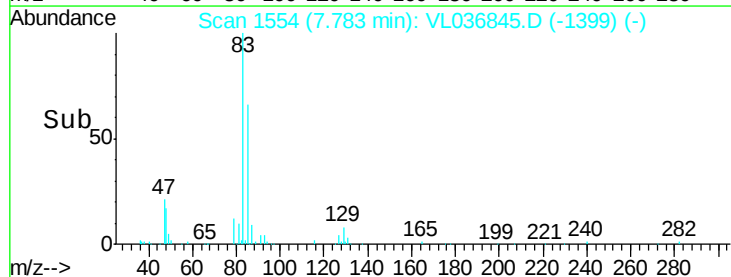
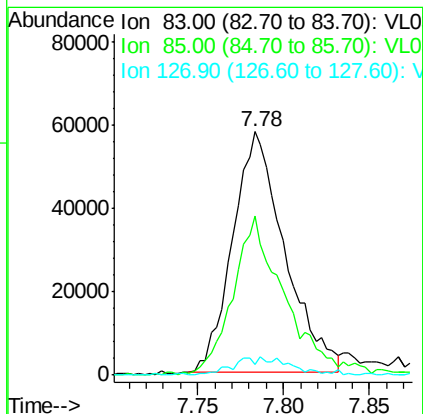
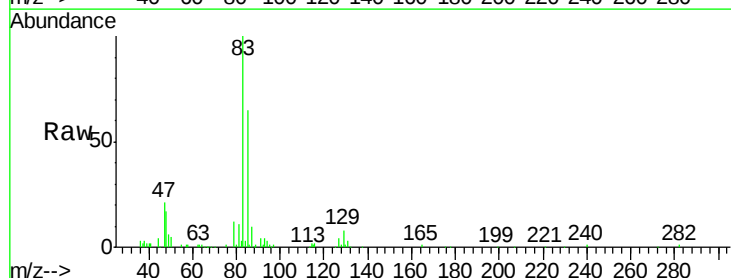
Tgt Ion: 83 Resp: 121078

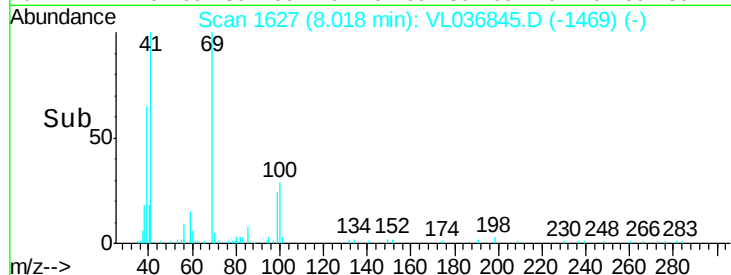
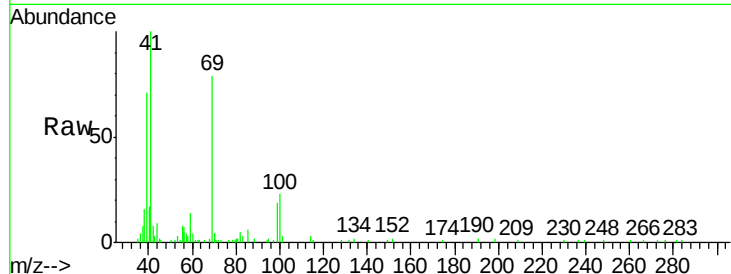
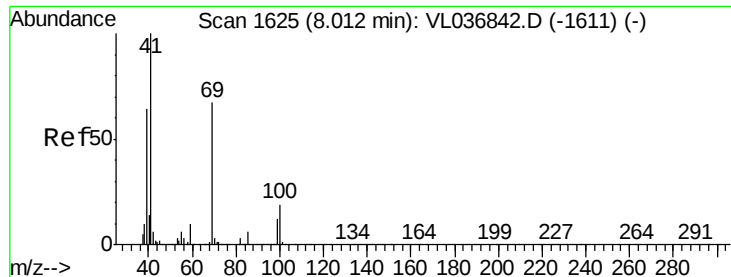
Ion Ratio Lower Upper

83 100

85 65.8 50.4 75.6

127 4.2 6.9 10.3#





#43

Methvl Methacrvlate

Concen: 0.367 ppbv m

RT: 8.02 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VSTDIC0.5

Acq: 27 Apr 2021 3:20

Tot Ion:

Ion Ratio

69 100

41 0.

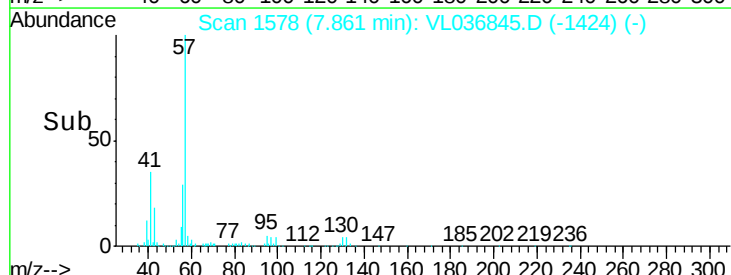
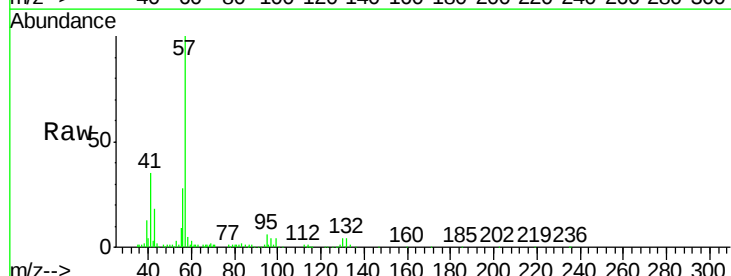
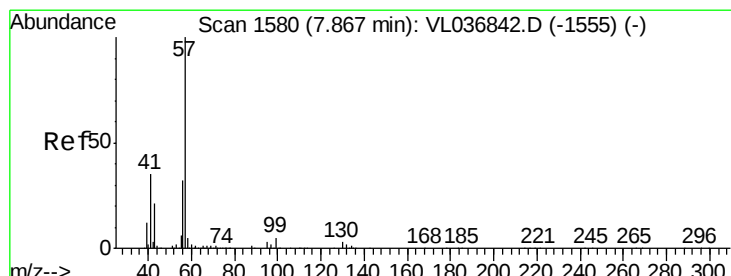
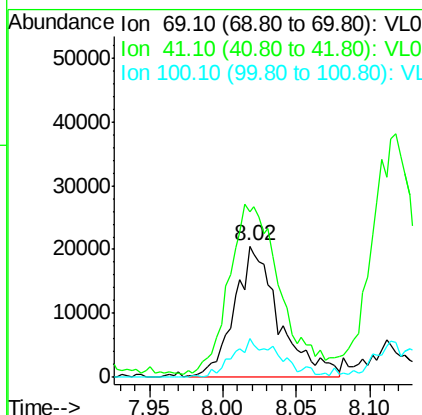
100 0.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2021

Supervised By :Mahesh Dadoda 04/29/2021



#44

2,2,4-Trimethylpentane

Concen: 0.423 ppbv

RT: 7.86 min Scan# 1578

Delta R.T. -0.01 min

Lab File: VL036845.D

Acq: 27 Apr 2021 3:20

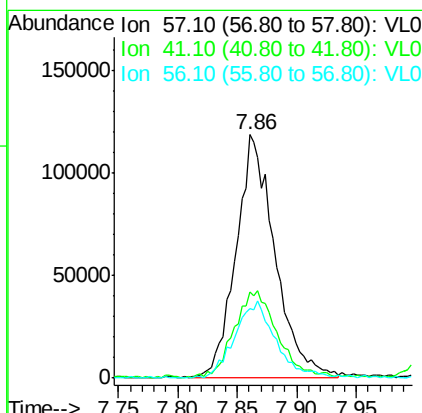
Tgt Ion: 57 Resp: 267277

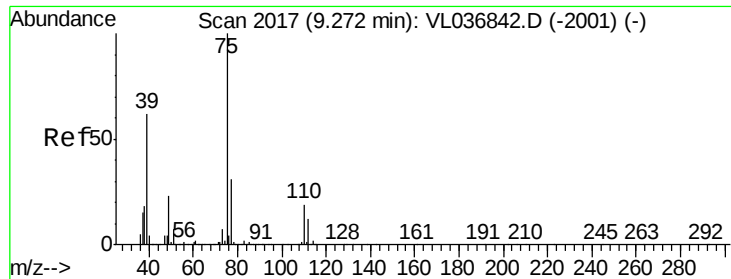
Ion Ratio Lower Upper

57 100

41 40.1 28.3 42.5

56 34.1 25.9 38.9





#45

t-1,3-Dichloropropene

Concen: 0.292 ppbv m

RT: 9.27 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 27 Apr 2021 3:20 VSTDIC0.5

Tot Ion:

Ion Ratio

75 100

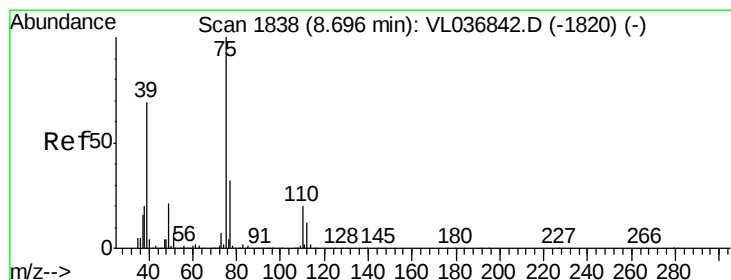
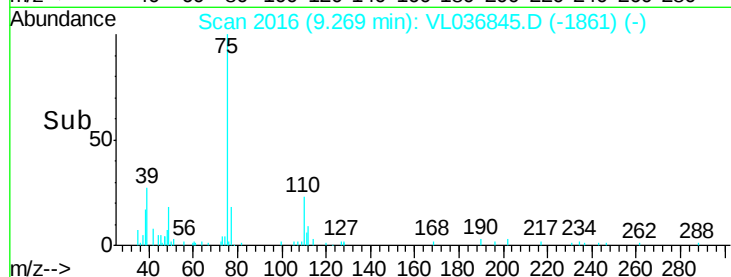
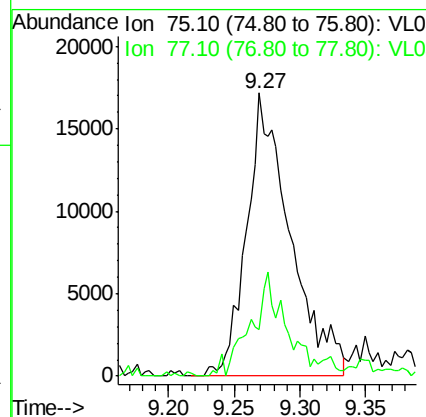
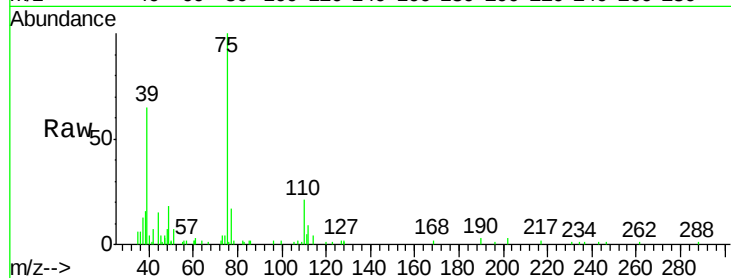
77 16.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2021

Supervised By :Mahesh Dadoda 04/29/2021



#46

cis-1,3-Dichloropropene

Concen: 0.334 ppbv m

RT: 8.70 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VL036845.D

Acq: 27 Apr 2021 3:20

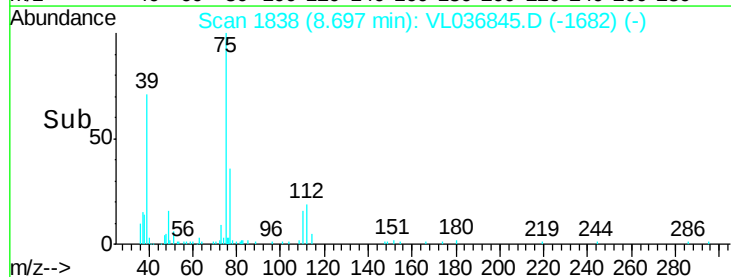
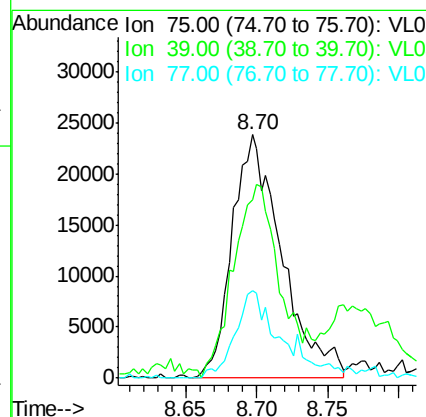
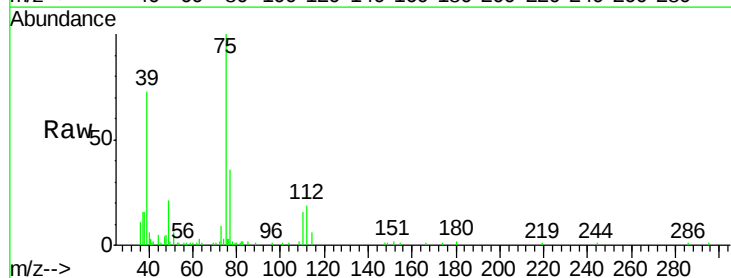
Tgt Ion: 75 Resp: 57942

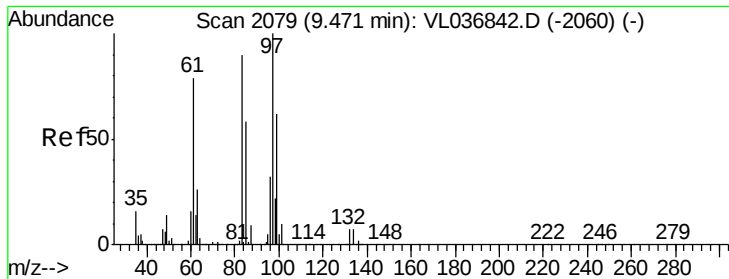
Ion Ratio Lower Upper

75 100

39 73.3 55.4 83.0

77 35.9 25.2 37.8



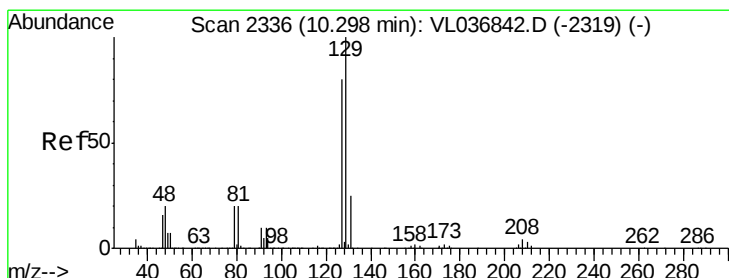
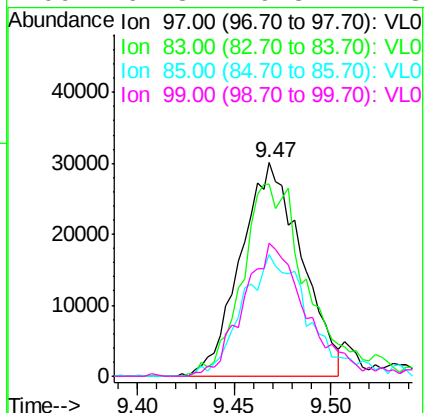
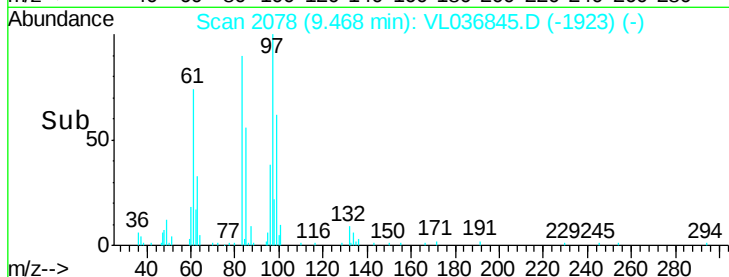
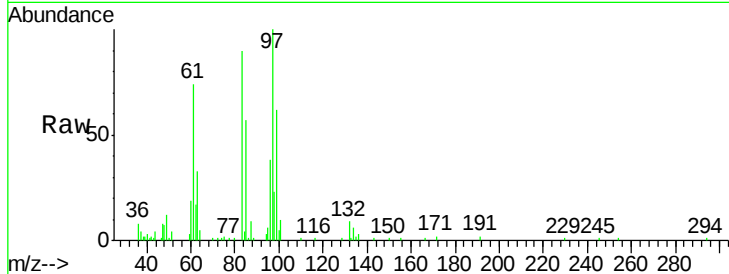


#47
 1,1,2-Trichloroethane
 Concen: 0.449 ppbv
 RT: 9.47 min
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDIC0.5
 Acq: 27 Apr 2021 3:20

Tot Ion:
 Ion Ratio
 97 100
 83 88.
 85 56.
 99 62.3 49.8 74.8

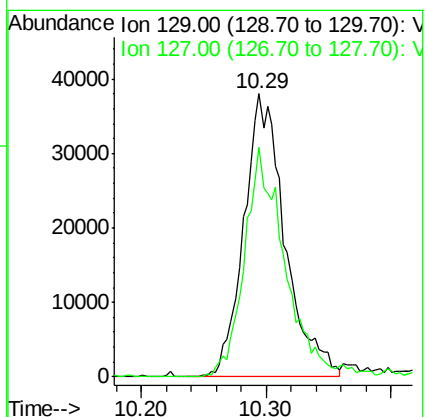
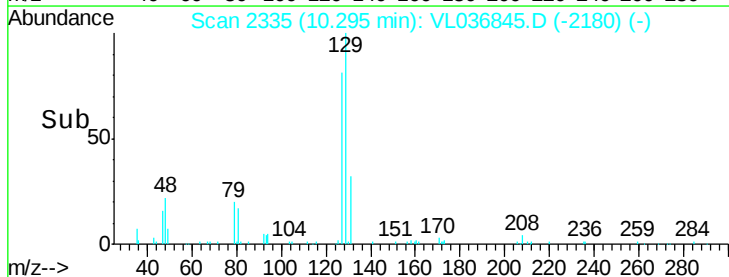
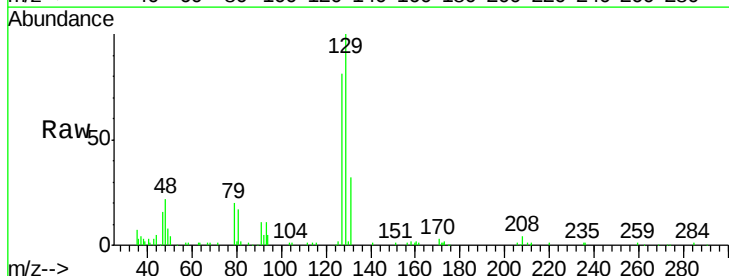
Manual Integrations
 APPROVED

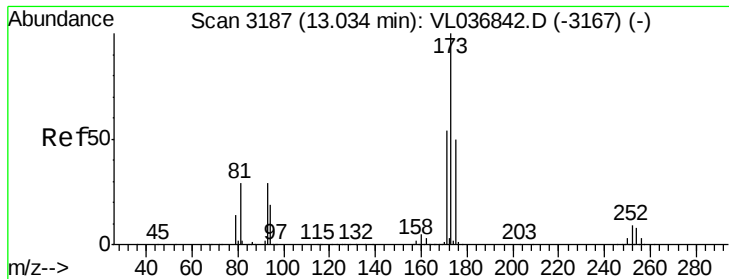
Reviewed By :Semsettin Yesilyurt 04/28/2021
 Supervised By :Mahesh Dadoda 04/29/2021



#48
 Dibromochloromethane
 Concen: 0.387 ppbv m
 RT: 10.29 min Scan# 2335
 Delta R.T. -0.00 min
 Lab File: VL036845.D
 Acq: 27 Apr 2021 3:20

Tgt Ion:129 Resp: 86611
 Ion Ratio Lower Upper
 129 100
 127 0.0 40.2 120.5#



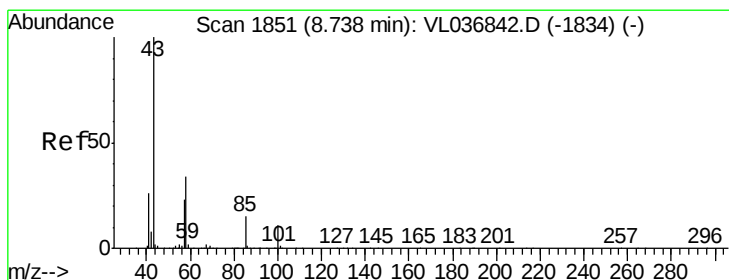
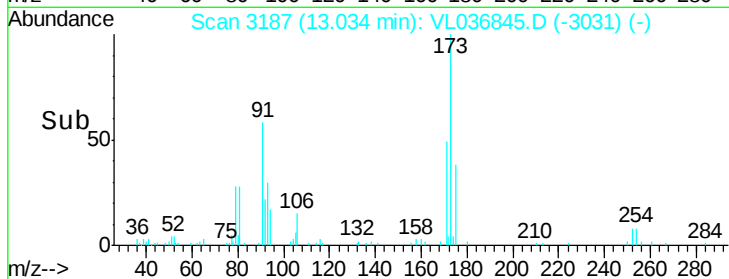
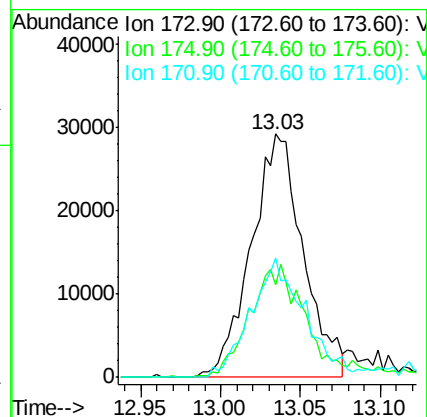
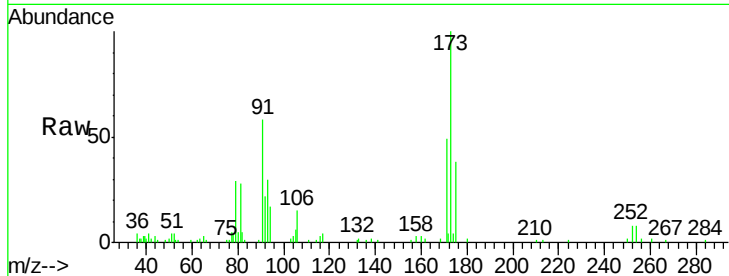


#49
Bromoform
Concen: 0.363 ppbv
RT: 13.03
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 27 Apr 2021 3:20

Tot Ion:1
Ion Rati
173 100
175 52.
171 51.

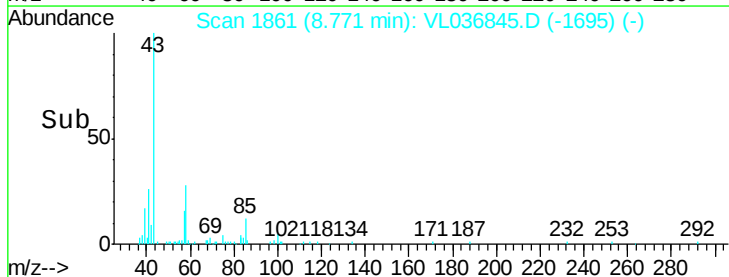
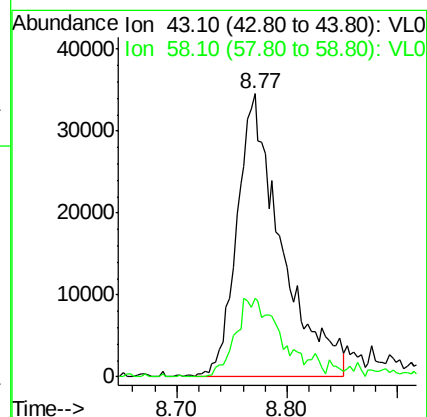
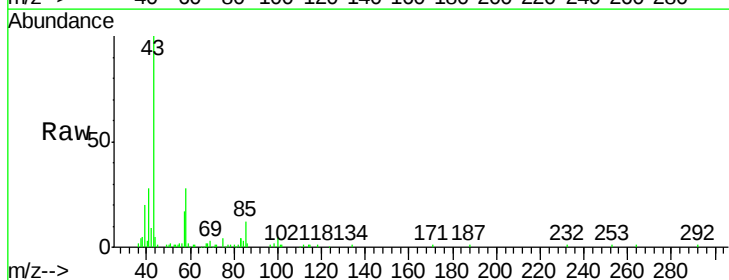
Manual Integrations
APPROVED

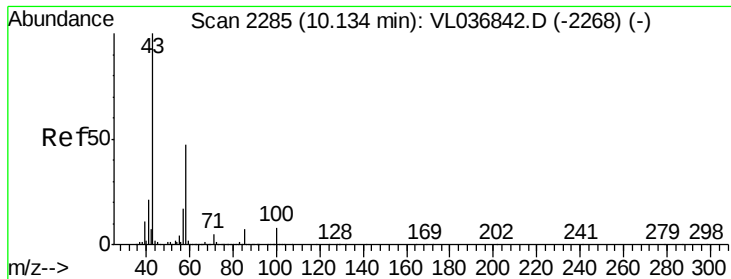
Reviewed By :Semsettin Yesilyurt 04/28/2021
Supervised By :Mahesh Dadoda 04/29/2021



#50
4-Methyl-2-Pentanone
Concen: 0.357 ppbv m
RT: 8.77 min Scan# 1861
Delta R.T. 0.03 min
Lab File: VL036845.D
Acq: 27 Apr 2021 3:20

Tgt Ion: 43 Resp: 96773
Ion Ratio Lower Upper
43 100
58 30.5 27.8 41.8



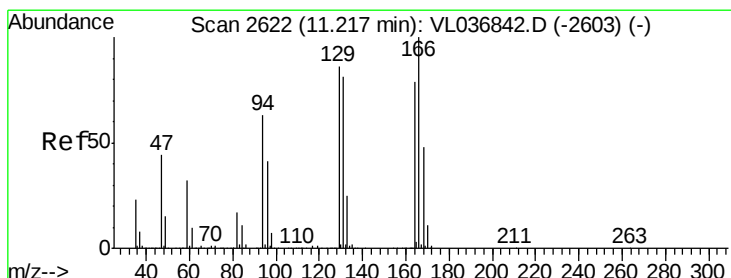
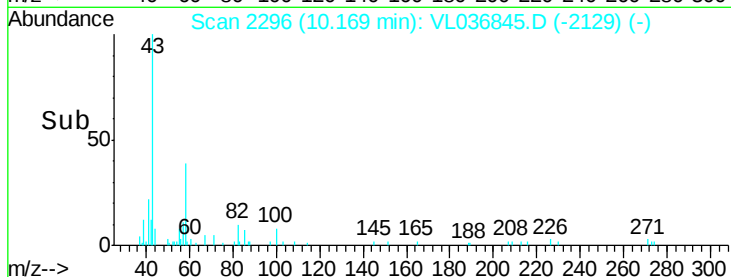
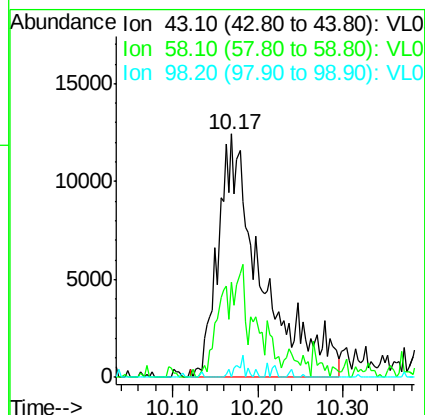
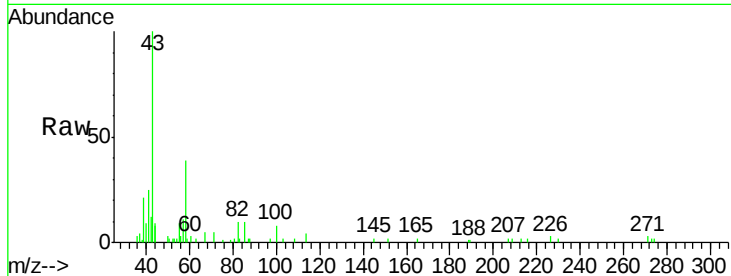


#51
2-Hexanone
Concen: 0.323 ppbv m
RT: 10.17 min
Instrument: MSVOA_L
Delta R.T.: 0.00 min
Lab File: ClientSampleId : VSTDIC0.5
Acq: 27 Apr 2021 3:20

Tot Ion:
Ion Ratio
43 100
58 0.
98 0.

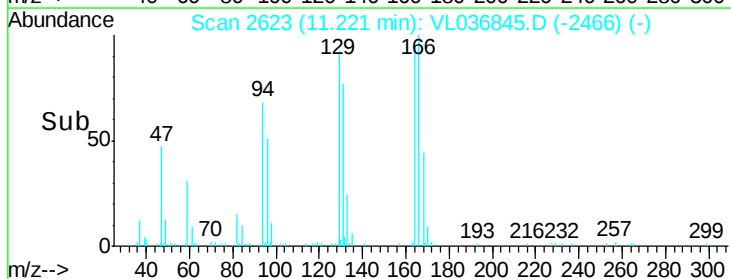
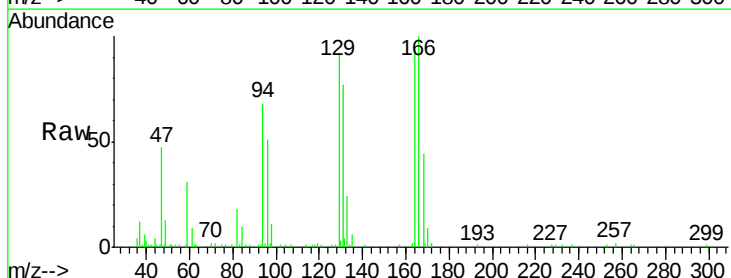
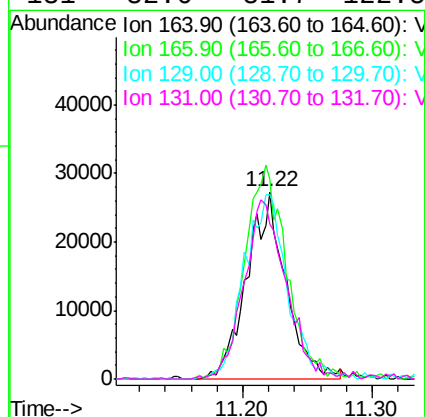
Manual Integrations
APPROVED

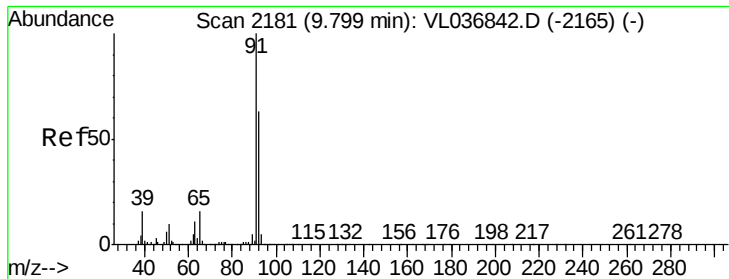
Reviewed By :Semsettin Yesilyurt 04/28/2021
Supervised By :Mahesh Dadoda 04/29/2021



#52
Tetrachloroethene
Concen: 0.433 ppbv m
RT: 11.22 min Scan# 2623
Delta R.T.: 0.00 min
Lab File: VL036845.D
Acq: 27 Apr 2021 3:20

Tgt Ion:164 Resp: 57316
Ion Ratio Lower Upper
164 100
166 106.8 100.9 151.3
129 98.6 87.0 130.4
131 82.6 81.7 122.5





#53

Toluene

Concen: 0.374 ppbv

RT: 9.80 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 27 Apr 2021 3:20 VSTDIC0.5

Tot Ion:

Ion Ratio

91 100

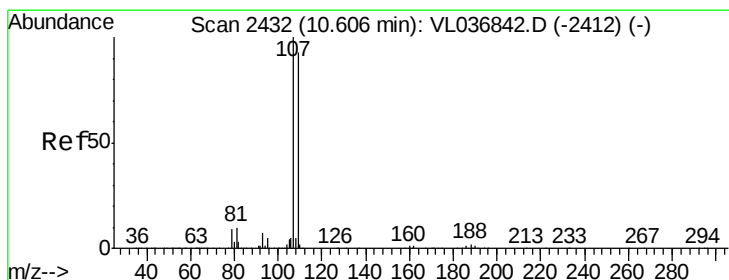
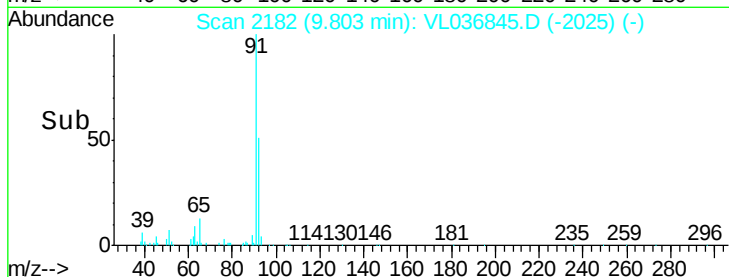
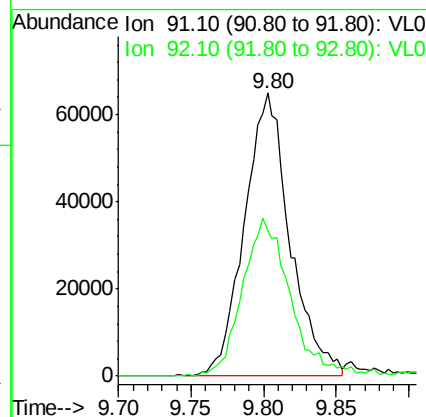
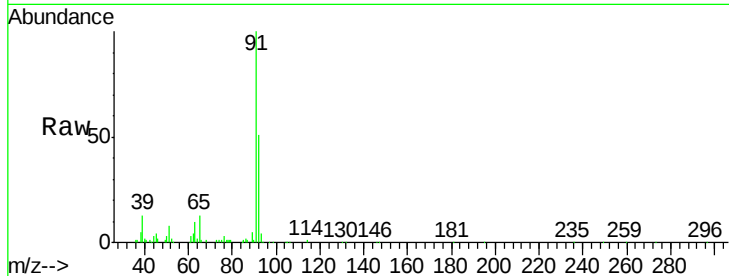
92 59.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2021

Supervised By :Mahesh Dadoda 04/29/2021



#54

1,2-Dibromoethane

Concen: 0.437 ppbv m

RT: 10.60 min Scan# 2431

Delta R.T. -0.00 min

Lab File: VL036845.D

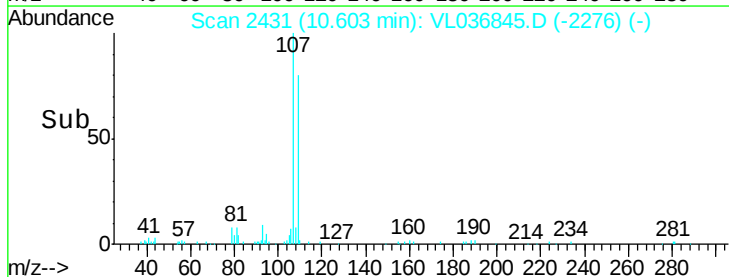
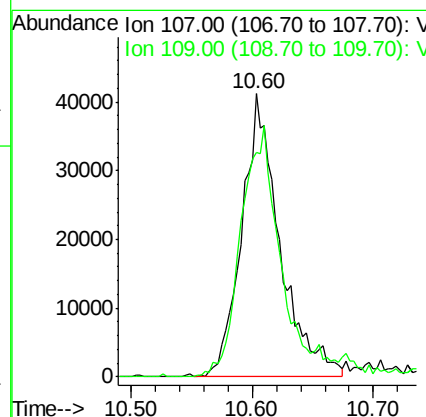
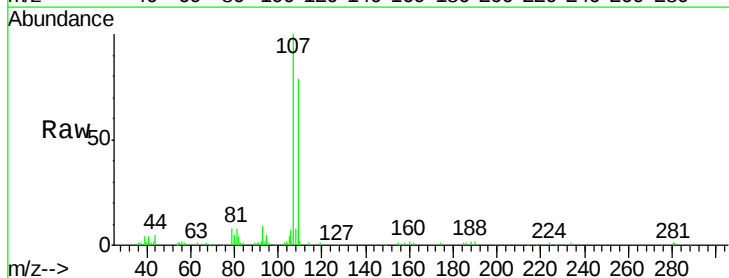
Acq: 27 Apr 2021 3:20

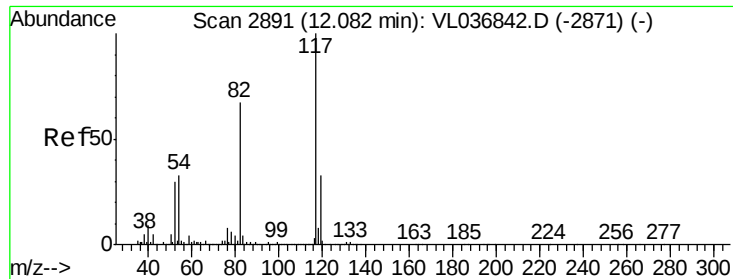
Tgt Ion:107 Resp: 90737

Ion Ratio Lower Upper

107 100

109 79.4 74.7 112.1



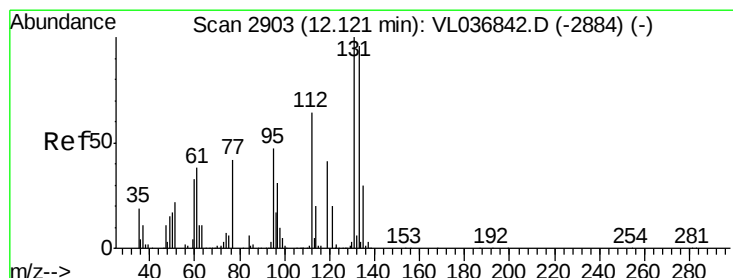
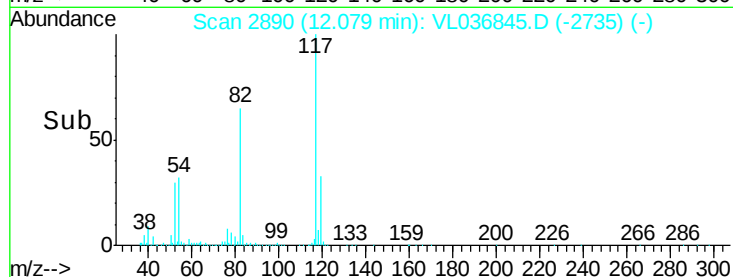
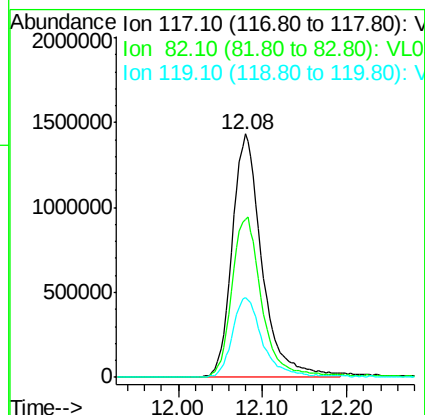
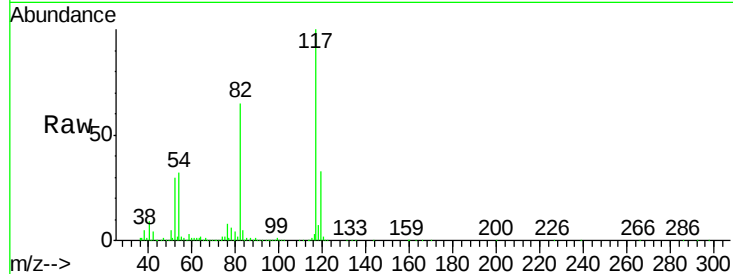


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 27 Apr 2021 3:20

Tot Ion:1
Ion Ratio
117 100
82 67.
119 33.

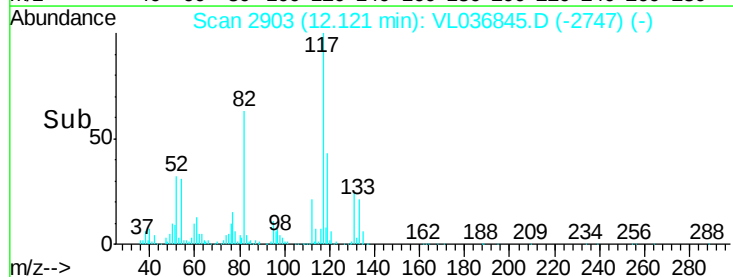
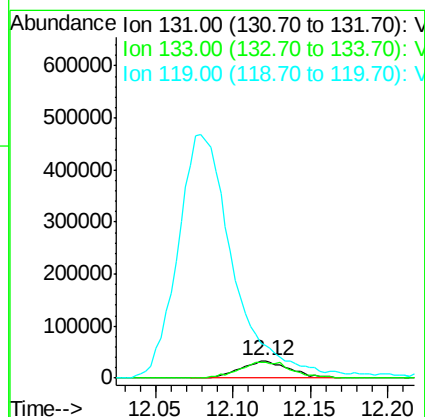
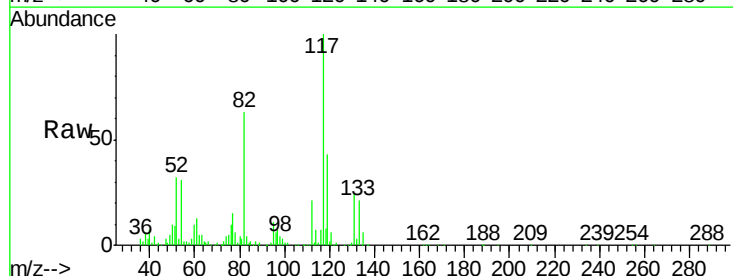
Manual Integrations
APPROVED

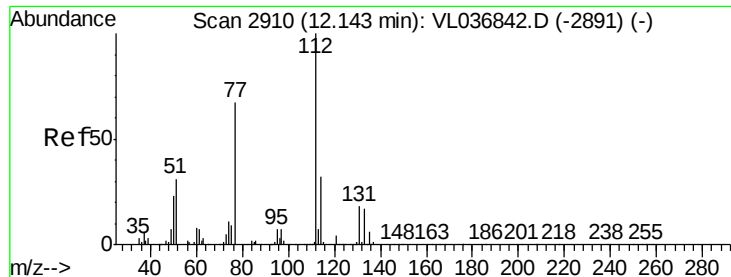
Reviewed By :Semsettin Yesilyurt 04/28/2021
Supervised By :Mahesh Dadoda 04/29/2021



#56
1,1,1,2-Tetrachloroethane
Concen: 0.472 ppbv
RT: 12.12 min Scan# 2903
Delta R.T.: 0.00 min
Lab File: VL036845.D
Acq: 27 Apr 2021 3:20

Tgt Ion:131 Resp: 74086
Ion Ratio Lower Upper
131 100
133 102.3 76.2 114.4
119 1629.8 114.6 171.8#



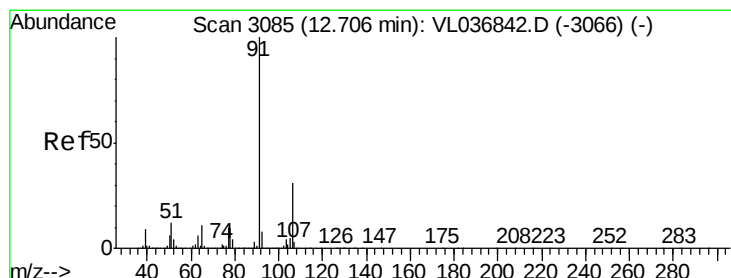
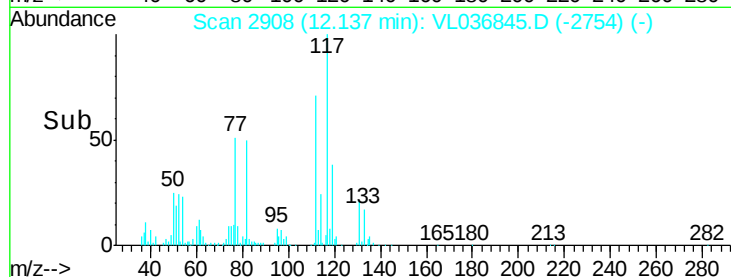
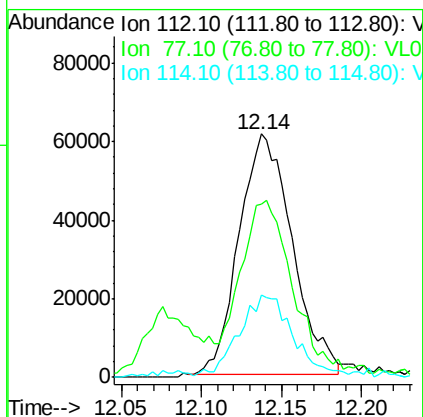
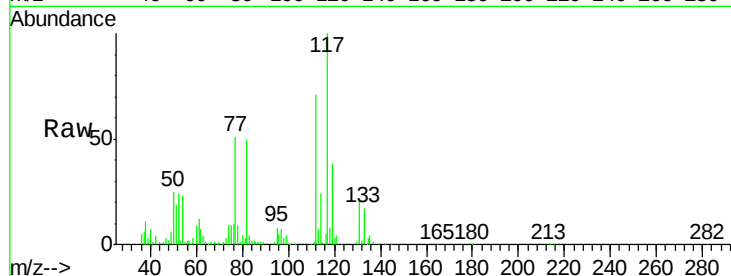


#57
Chlorobenzene
Concen: 0.470 ppbv
RT: 12.14 min
Instrument: MSVOA_L
Delta R.T.: 0.00 min
Lab File: ClientSampleId : VSTDIC0.5
Acq: 27 Apr 2021 3:20

Tot Ion: 1
Ion Ratio
112 100
77 64.
114 32.

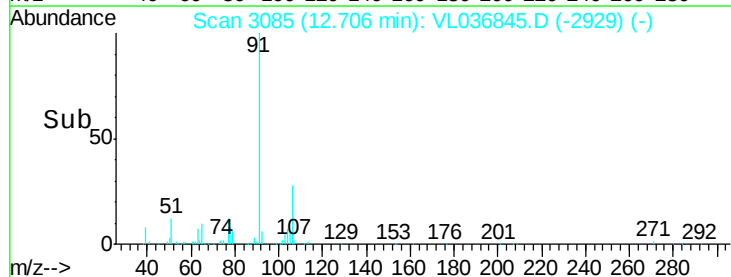
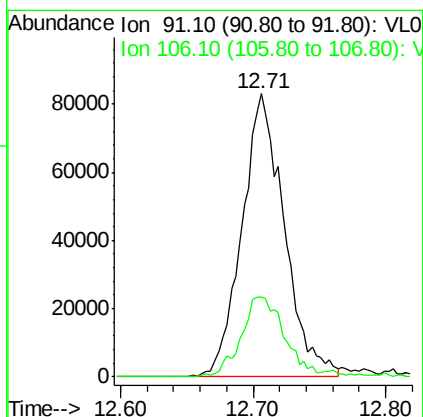
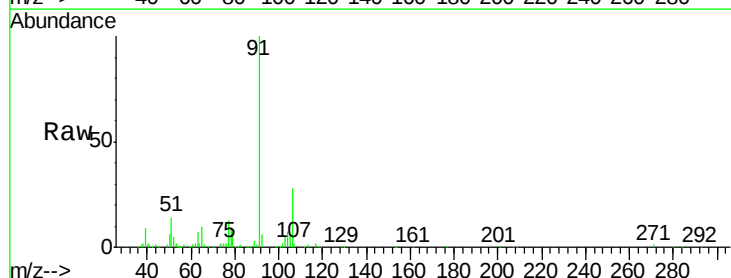
Manual Integrations
APPROVED

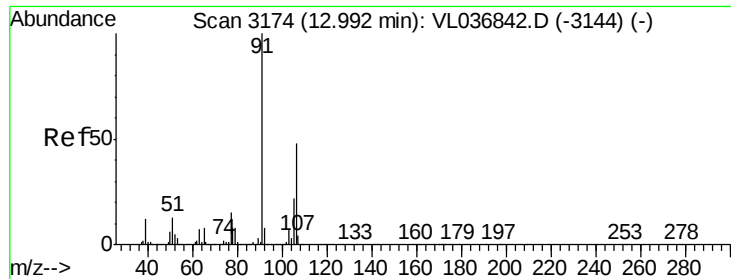
Reviewed By : Semsettin Yesilyurt 04/28/2021
Supervised By : Mahesh Dadoda 04/29/2021



#58
Ethyl Benzene
Concen: 0.365 ppbv
RT: 12.71 min Scan# 3085
Delta R.T.: 0.00 min
Lab File: VL036845.D
Acq: 27 Apr 2021 3:20

Tgt Ion: 91 Resp: 184205
Ion Ratio Lower Upper
91 100
106 28.2 25.1 37.7



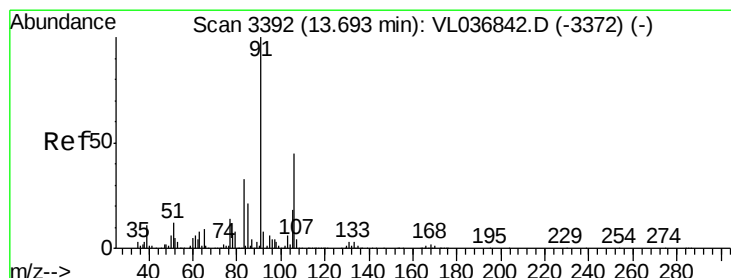
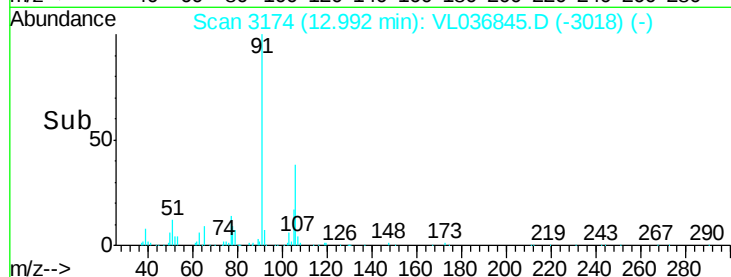
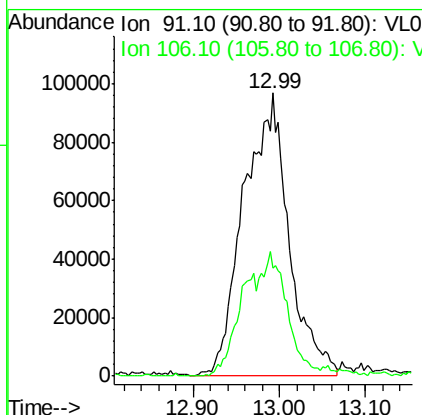
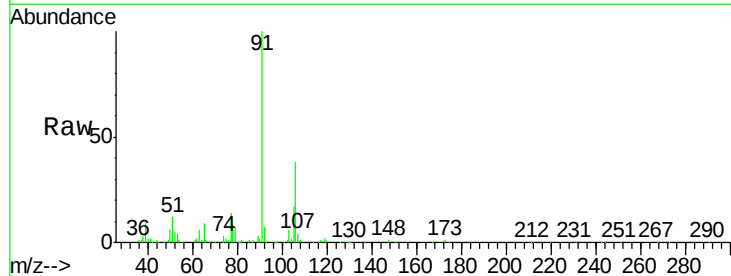


#59
m/p-Xylene
Concen: 0.798 ppbv m
RT: 12.99 min
Instrument: MSVOA_1
Delta R.T.: -0.01 min
Lab File: ClientSampleId : VSTDIC0.5
Acq: 27 Apr 2021 3:20

Tot Ion:
Ion Ratio
91 100
106 42.

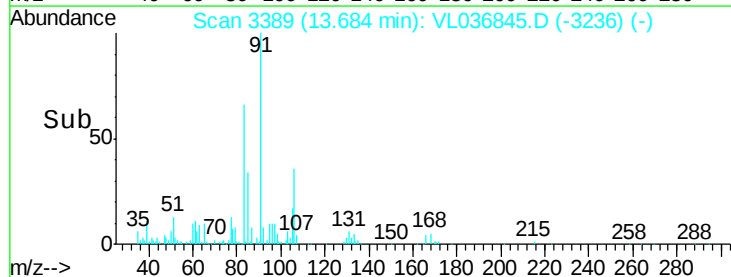
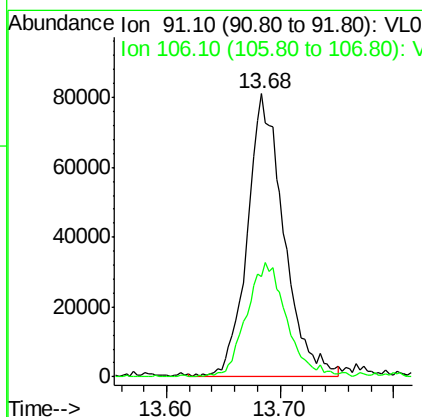
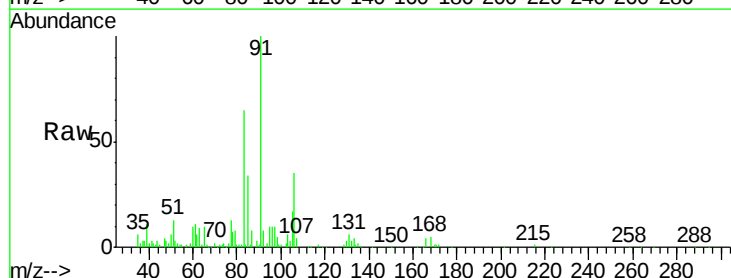
Manual Integrations
APPROVED

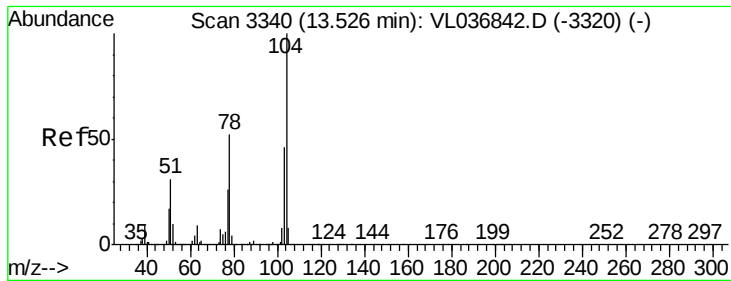
Reviewed By :Semsettin Yesilyurt 04/28/2021
Supervised By :Mahesh Dadoda 04/29/2021



#60
o-Xylene
Concen: 0.425 ppbv m
RT: 13.68 min Scan# 3389
Delta R.T. -0.01 min
Lab File: VL036845.D
Acq: 27 Apr 2021 3:20

Tgt Ion: 91 Resp: 181163
Ion Ratio Lower Upper
91 100
106 45.2 22.6 67.8





#61

Stvrene

Concen: 0.265 ppbv m

RT: 13.53

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 27 Apr 2021 3:20

Tot Ion:1

Ion Ratio

104 100

78 59.

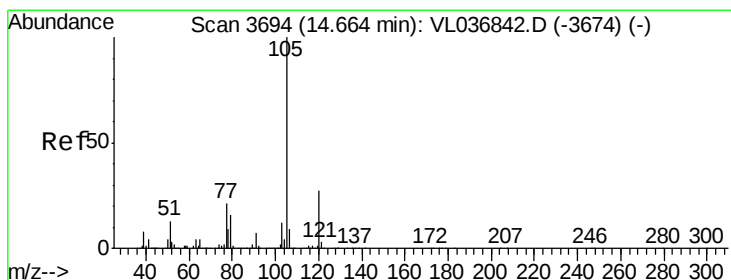
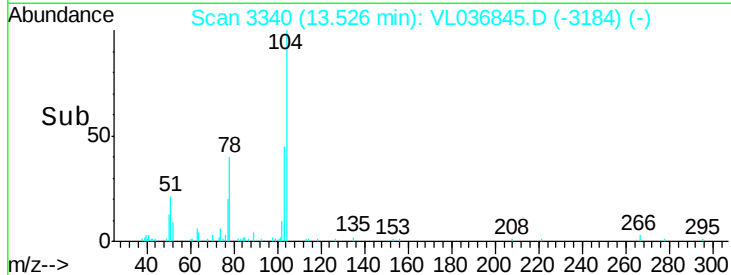
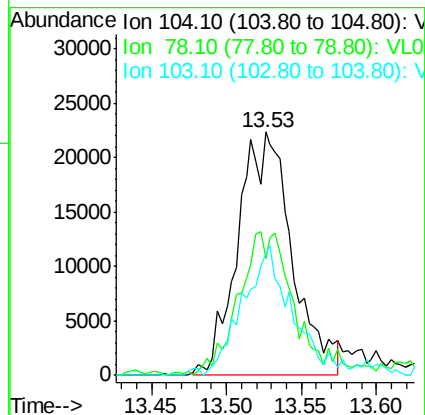
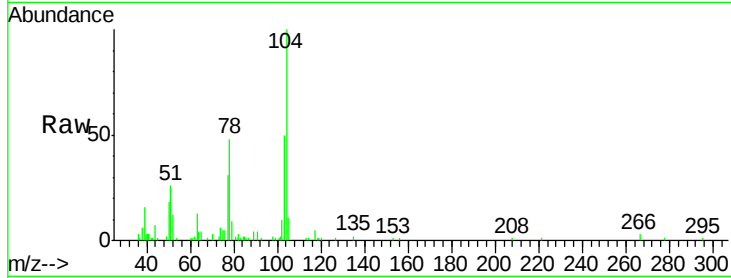
103 51.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2021

Supervised By :Mahesh Dadoda 04/29/2021



#62

Isopropylbenzene

Concen: 0.440 ppbv

RT: 14.66 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VL036845.D

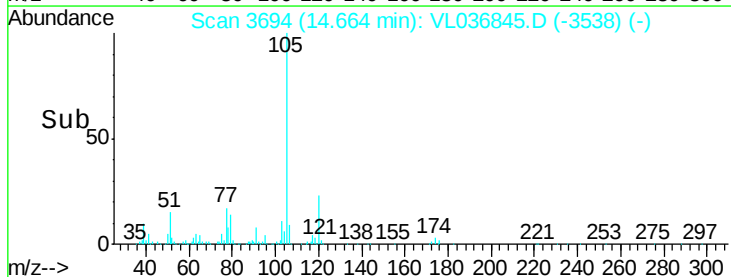
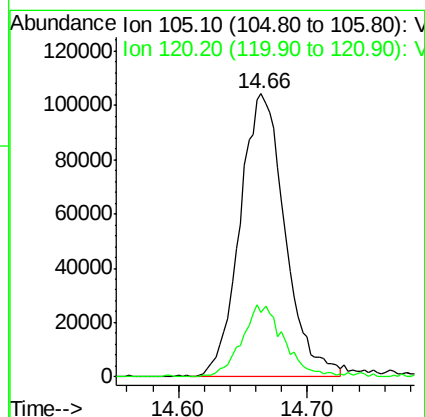
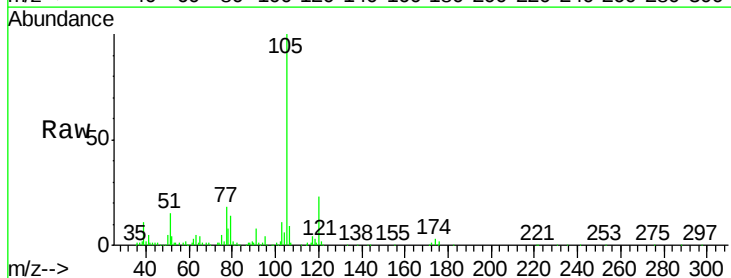
Acq: 27 Apr 2021 3:20

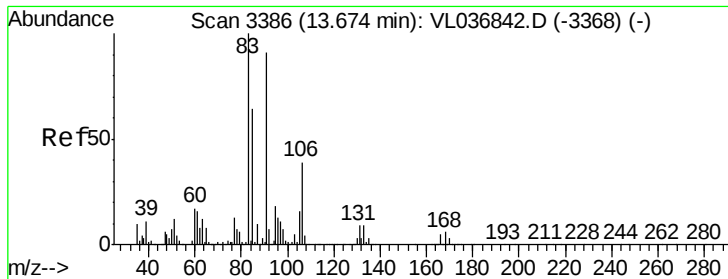
Tgt Ion:105 Resp: 252352

Ion Ratio Lower Upper

105 100

120 24.4 21.1 31.7



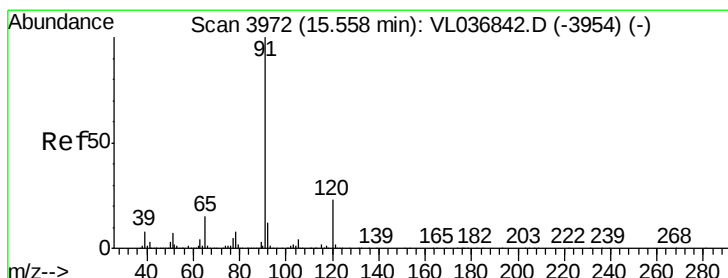
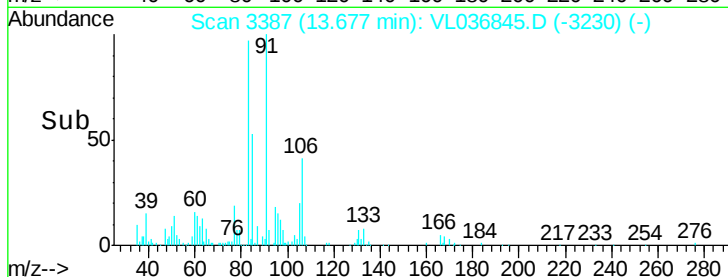
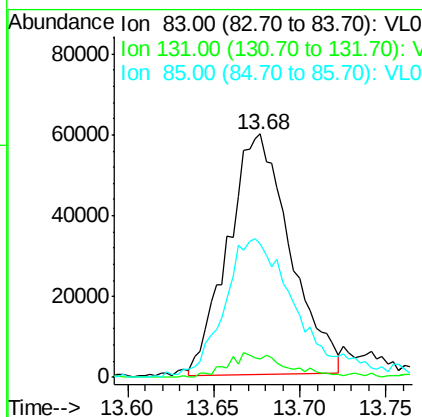
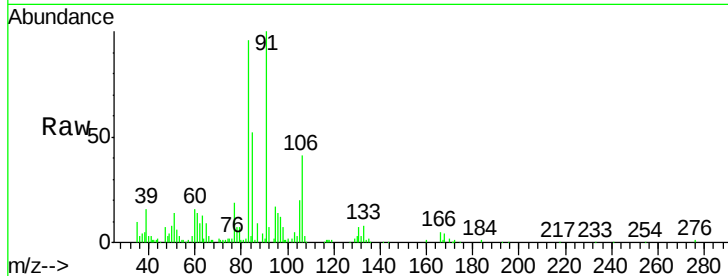


#63
 1,1,2,2-Tetrachloroethane
 Concen: 0.456 ppbv
 RT: 13.68
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 27 Apr 2021 3:20

Tot Ion:
 Ion Ratio
 83 100
 131 10.
 85 69.

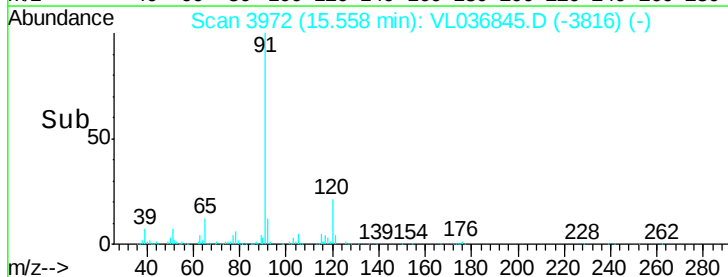
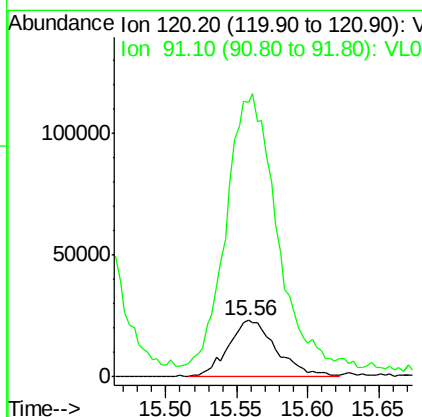
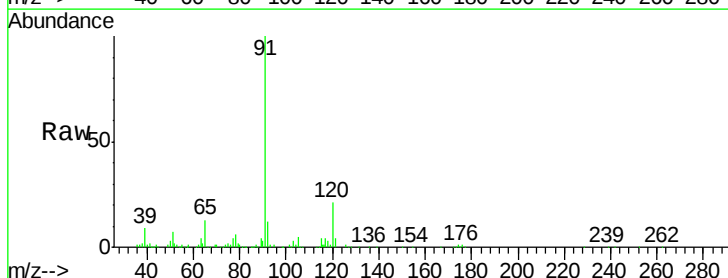
Manual Integrations
 APPROVED

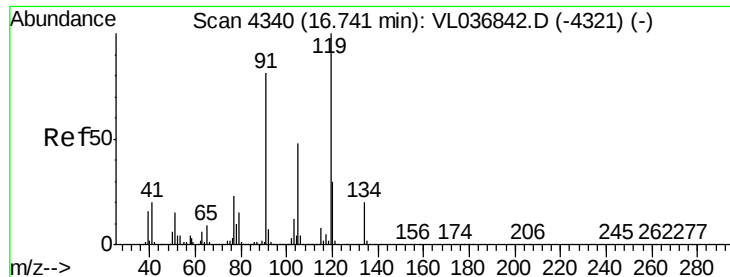
Reviewed By :Semsettin Yesilyurt 04/28/2021
 Supervised By :Mahesh Dadoda 04/29/2021



#64
 n-propylbenzene
 Concen: 0.393 ppbv m
 RT: 15.56 min Scan# 3972
 Delta R.T. 0.00 min
 Lab File: VL036845.D
 Acq: 27 Apr 2021 3:20

Tgt Ion:120 Resp: 55283
 Ion Ratio Lower Upper
 120 100
 91 572.8 378.6 567.8#



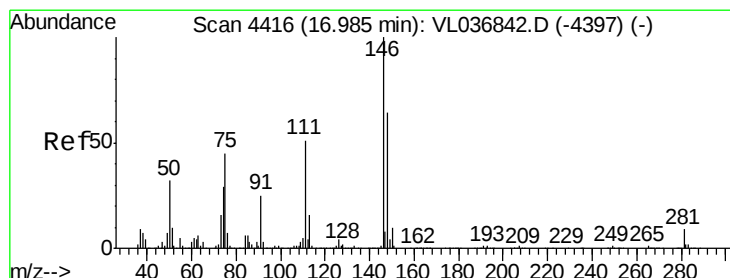
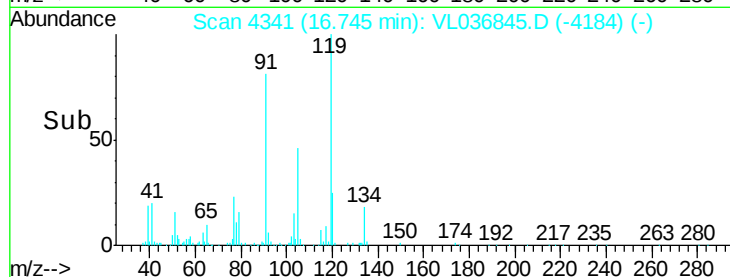
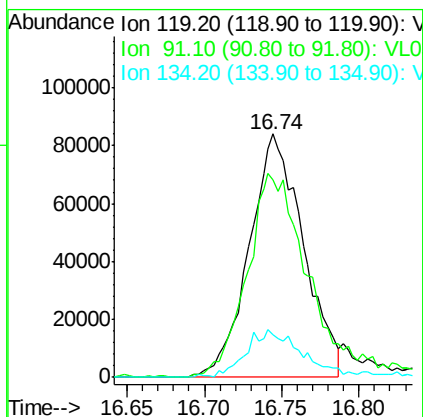
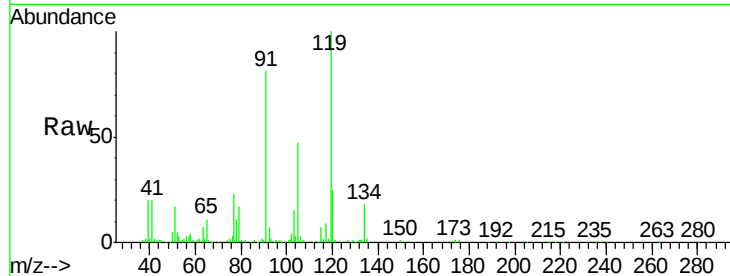


#65
tert-Butylbenzene
Concen: 0.404 ppbv
RT: 16.74 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 27 Apr 2021 3:20

Tot Ion: 1
Ion Ratio
119 100
91 99.
134 21.

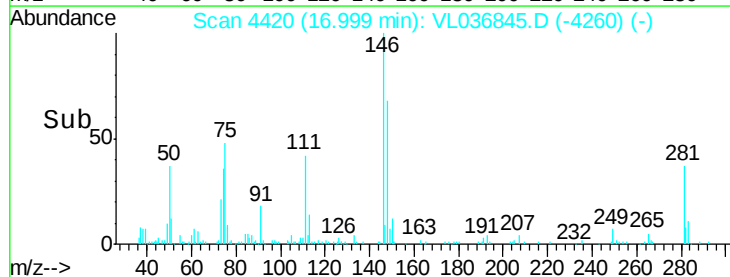
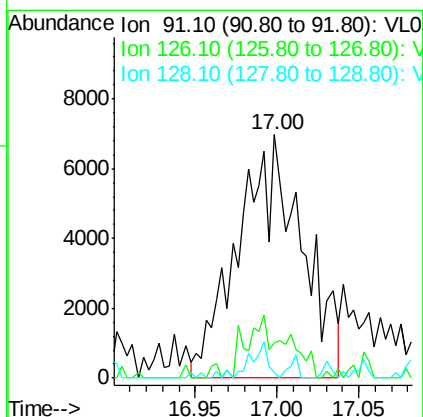
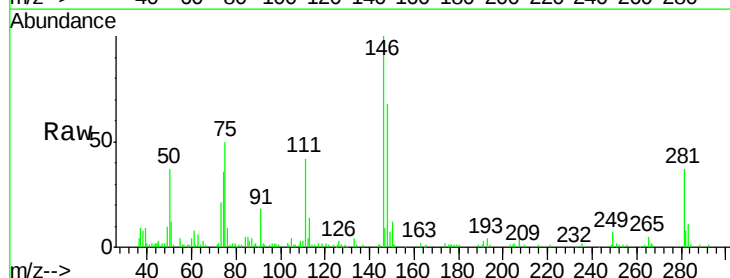
Manual Integrations
APPROVED

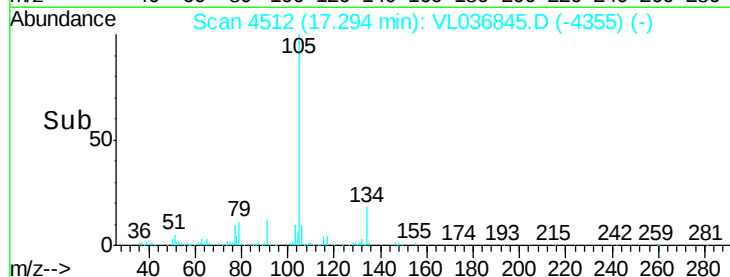
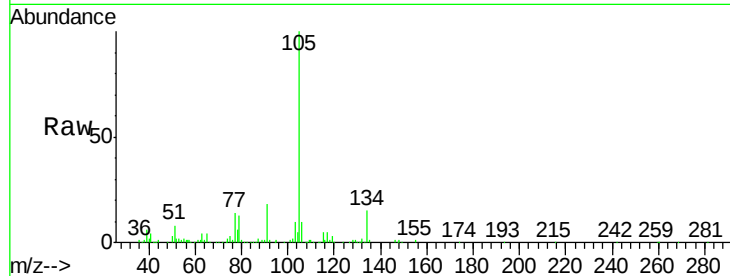
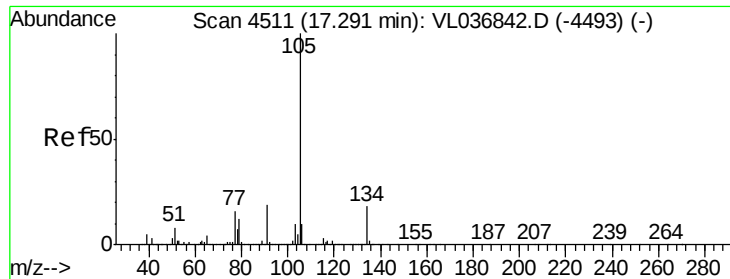
Reviewed By : Semsettin Yesilyurt 04/28/2021
Supervised By : Mahesh Dadoda 04/29/2021



#66
Benzyl Chloride
Concen: 0.354 ppbv m
RT: 17.00 min Scan# 4420
Delta R.T.: 0.01 min
Lab File: VL036845.D
Acq: 27 Apr 2021 3:20

Tgt Ion: 91 Resp: 18974
Ion Ratio Lower Upper
91 100
126 0.0 14.1 21.1#
128 0.0 4.8 7.2#



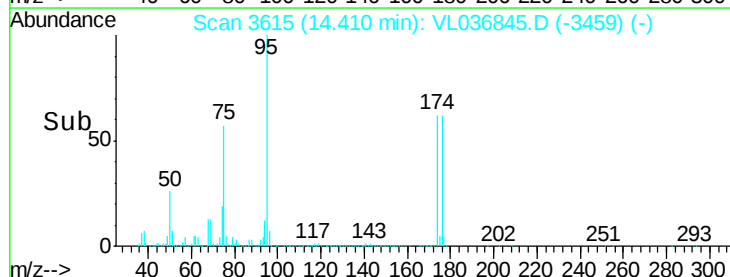
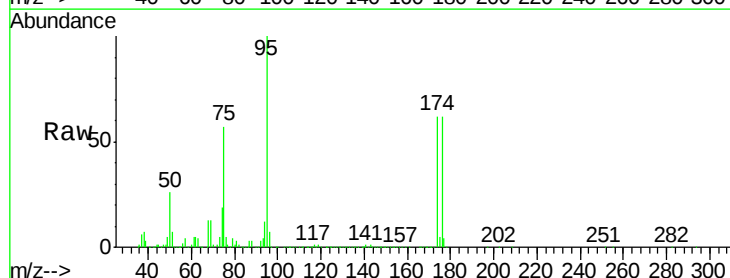
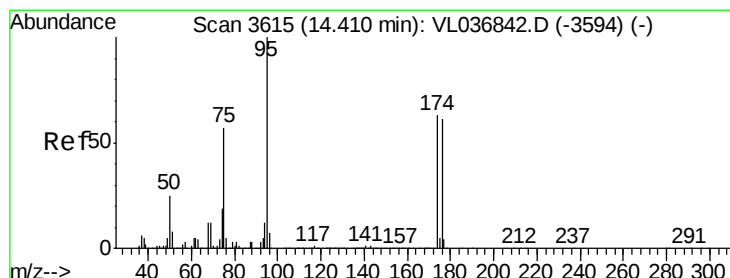
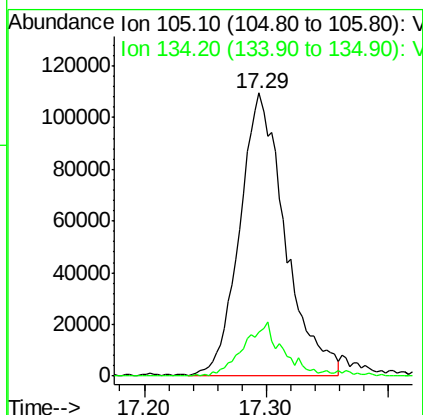


#67
 sec-Butylbenzene
 Concen: 0.398 ppbv
 RT: 17.29
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 Acq: 27 Apr 2021 3:20

Tot Ion:1
 Ion Ratio
 105 100
 134 16.

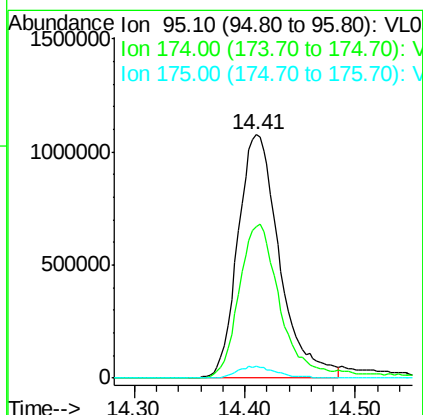
Manual Integrations
 APPROVED

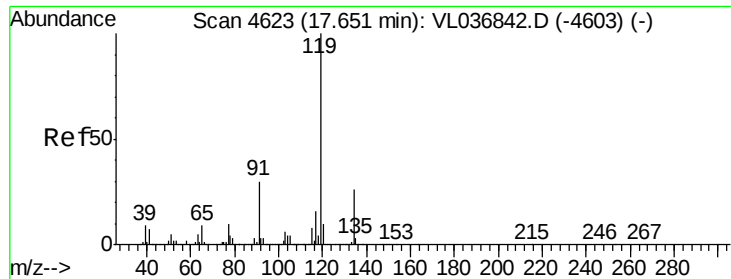
Reviewed By :Semsettin Yesilyurt 04/28/2021
 Supervised By :Mahesh Dadoda 04/29/2021



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.034 ppbv
 RT: 14.41 min Scan# 3615
 Delta R.T. 0.00 min
 Lab File: VL036845.D
 Acq: 27 Apr 2021 3:20

Tgt Ion: 95 Resp: 2813136
 Ion Ratio Lower Upper
 95 100
 174 66.0 52.4 78.6
 175 4.6 3.9 5.9



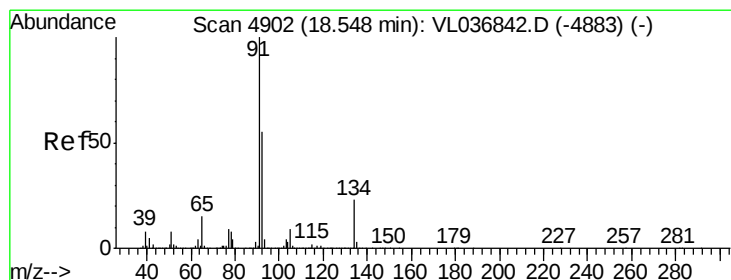
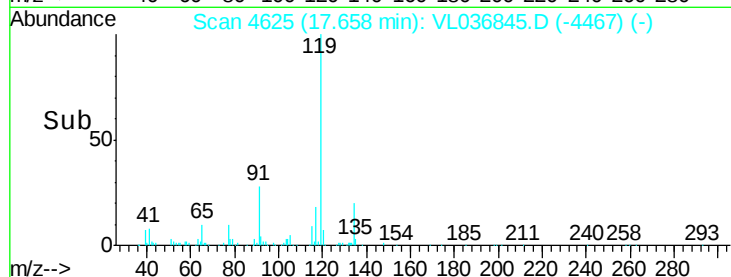
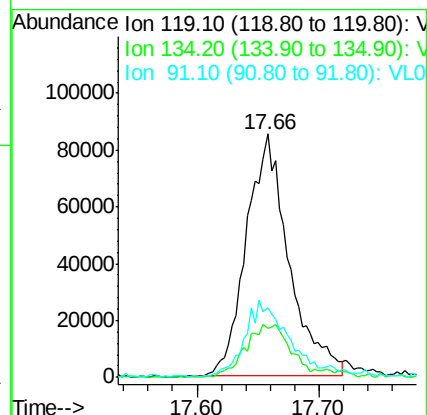
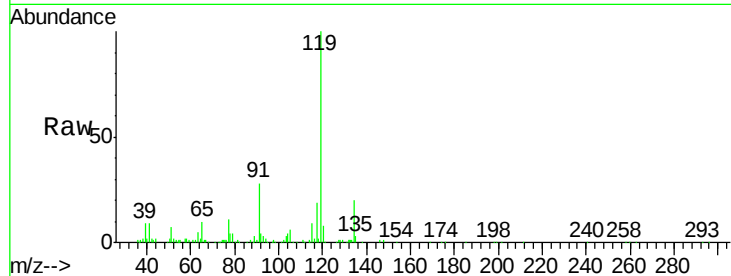


#69
 p-Isopropyltoluene
 Concen: 0.374 ppbv
 RT: 17.66 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 27 Apr 2021 3:20

Tot Ion: 1
 Ion Ratio
 119 100
 134 25.
 91 35.

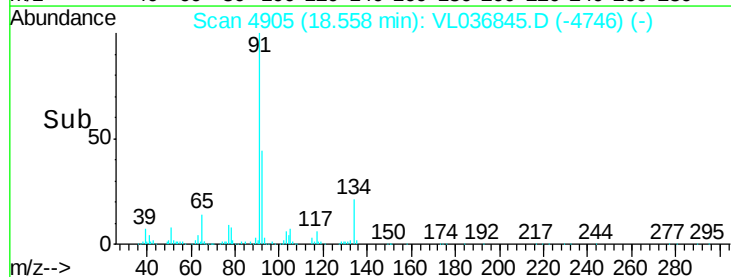
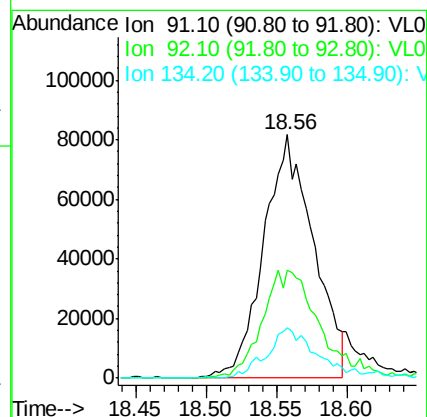
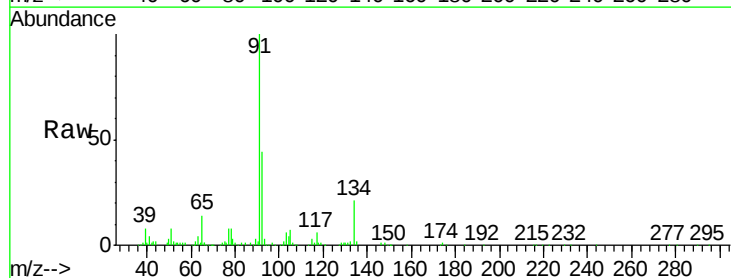
Manual Integrations
 APPROVED

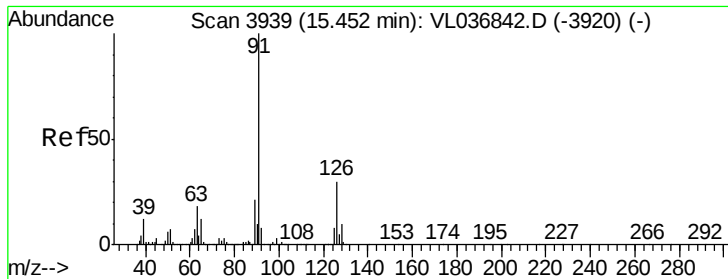
Reviewed By : Semsettin Yesilyurt 04/28/2021
 Supervised By : Mahesh Dadoda 04/29/2021



#70
 n-Butylbenzene
 Concen: 0.350 ppbv
 RT: 18.56 min Scan# 4905
 Delta R.T.: 0.01 min
 Lab File: VL036845.D
 Acq: 27 Apr 2021 3:20

Tgt Ion: 91 Resp: 200597
 Ion Ratio Lower Upper
 91 100
 92 51.5 43.6 65.4
 134 22.4 18.2 27.4





#71

2-Chlorotoluene

Concen: 0.388 ppbv

RT: 15.45

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 27 Apr 2021 3:20

Tot Ion:

Ion Ratio

91 100

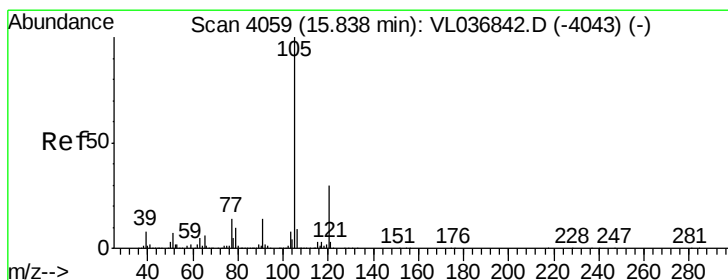
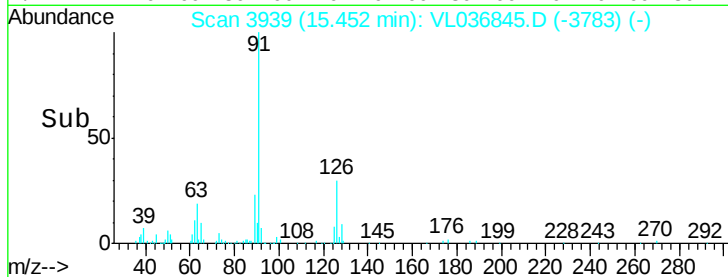
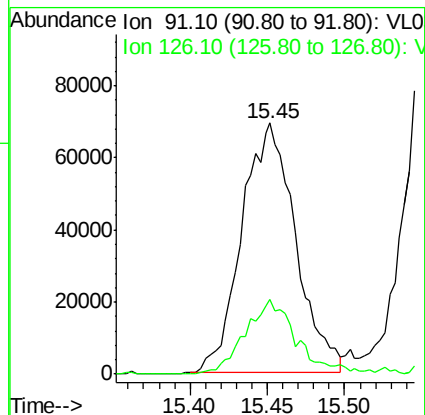
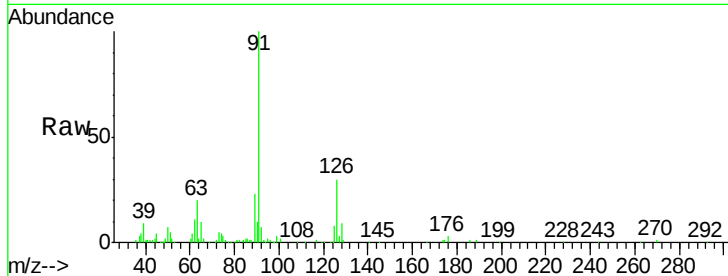
126 28.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2021

Supervised By :Mahesh Dadoda 04/29/2021



#72

4-Ethyltoluene

Concen: 0.324 ppbv

RT: 15.84 min Scan# 4059

Delta R.T. 0.00 min

Lab File: VL036845.D

Acq: 27 Apr 2021 3:20

Tgt Ion:105 Resp: 152422

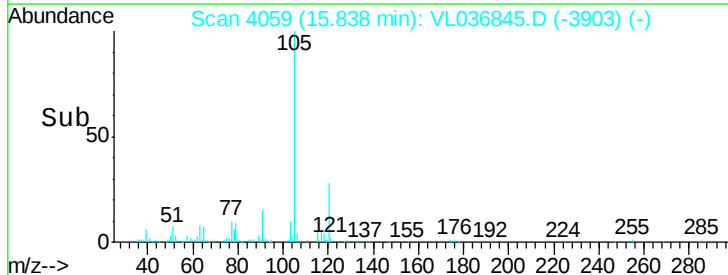
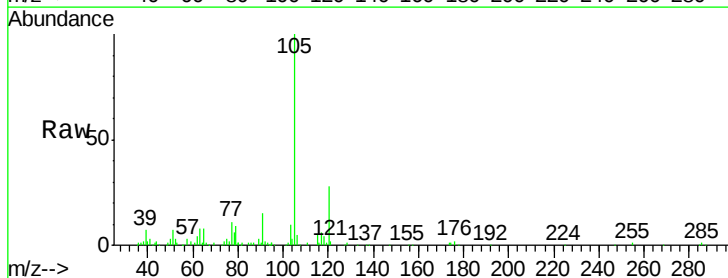
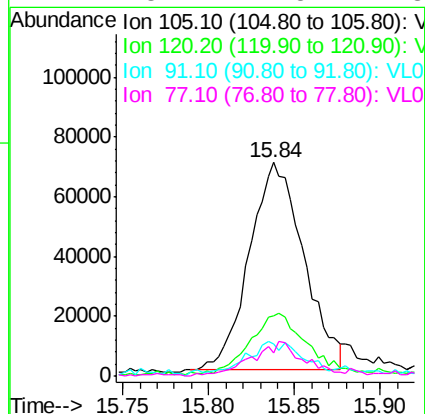
Ion Ratio Lower Upper

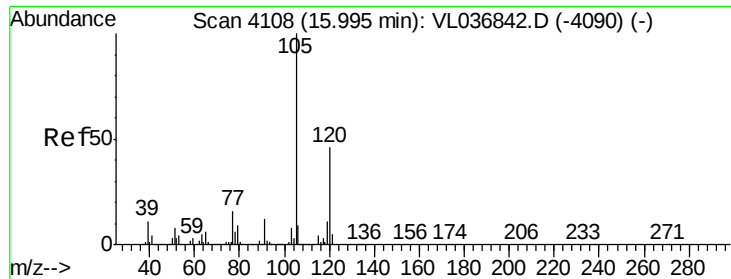
105 100

120 34.8 23.8 35.6

91 21.0 10.7 16.1#

77 18.4 11.5 17.3#



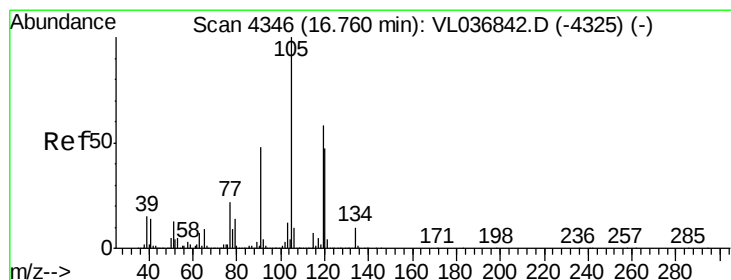
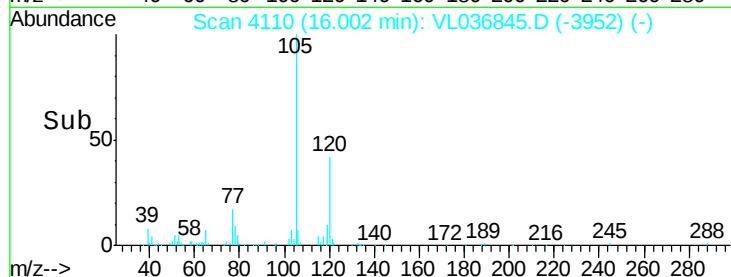
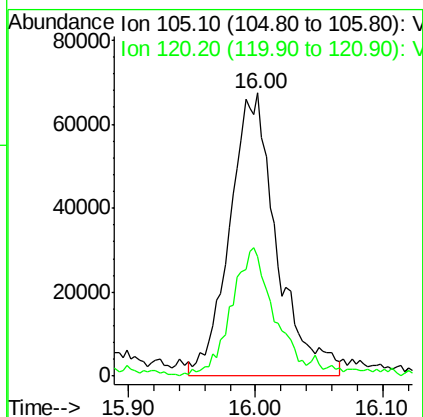
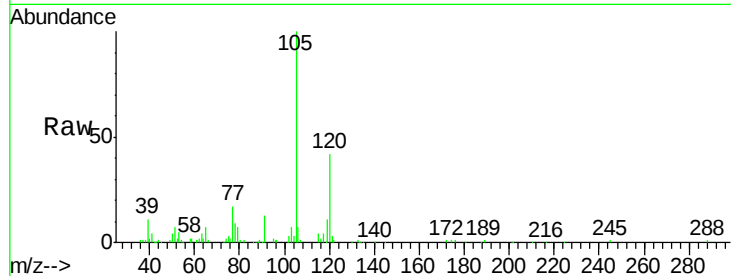


#73
 1,3,5-Trimethylbenzene
 Concen: 0.395 ppbv m
 RT: 16.00
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDIC0.5
 Acq: 27 Apr 2021 3:20

Tot Ion:1
 Ion Rati
 105 100
 120 42.

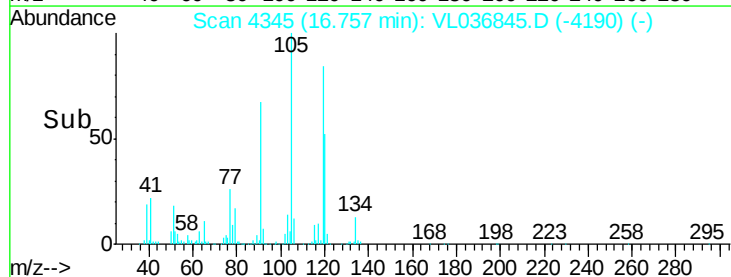
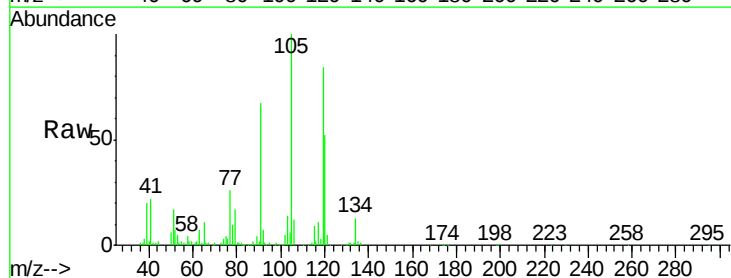
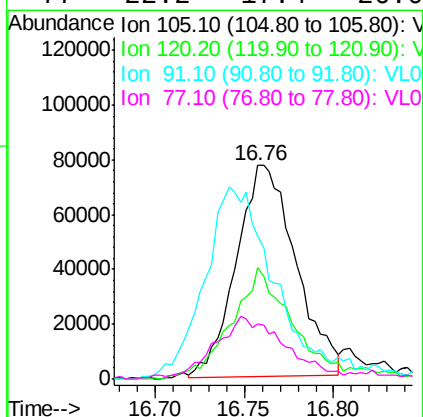
Manual Integrations
 APPROVED

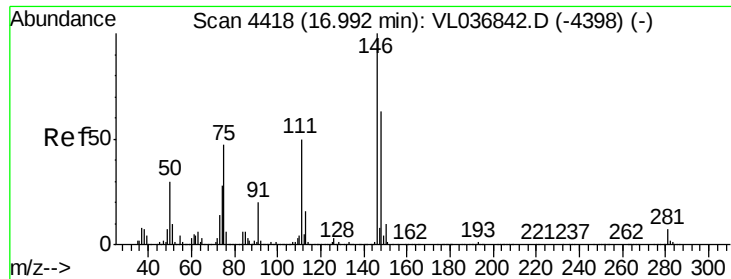
Reviewed By :Semsettin Yesilyurt 04/28/2021
 Supervised By :Mahesh Dadoda 04/29/2021



#74
 1,2,4-Trimethylbenzene
 Concen: 0.383 ppbv
 RT: 16.76 min Scan# 4345
 Delta R.T. -0.00 min
 Lab File: VL036845.D
 Acq: 27 Apr 2021 3:20

Tgt Ion:105 Resp: 180224
 Ion Ratio Lower Upper
 105 100
 120 49.3 37.6 56.4
 91 58.3 39.0 58.4
 77 22.2 17.4 26.0





#75

1,3-Dichlorobenzene

Concen: 0.457 ppbv m

RT: 16.99

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 27 Apr 2021 3:20

Tot Ion:1

Ion Rati

146 100

111 48.

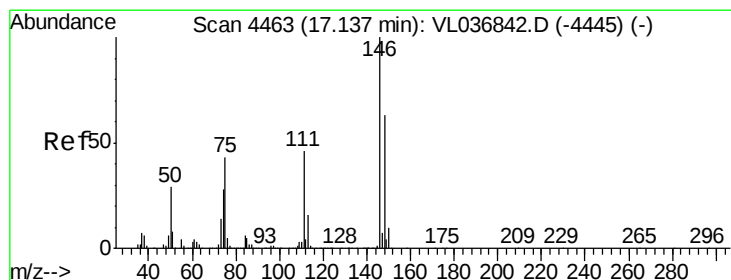
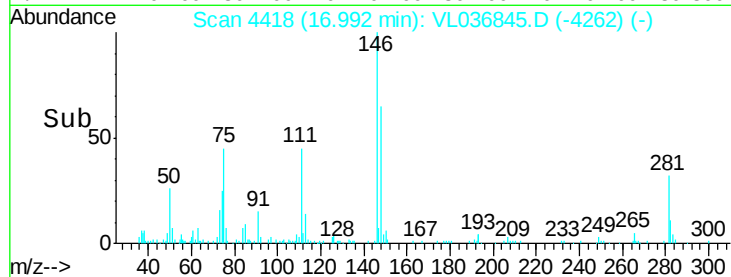
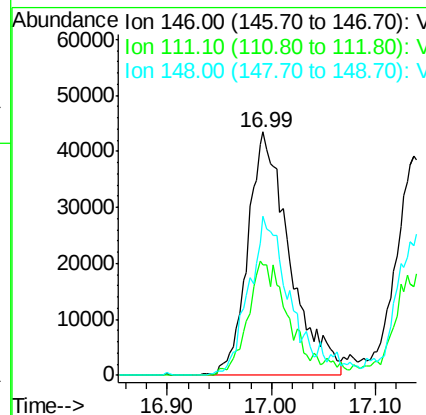
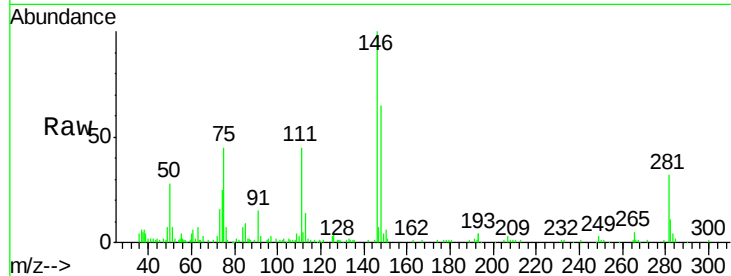
148 66.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2021

Supervised By :Mahesh Dadoda 04/29/2021



#76

1,4-Dichlorobenzene

Concen: 0.459 ppbv m

RT: 17.14 min Scan# 4463

Delta R.T. 0.00 min

Lab File: VL036845.D

Acq: 27 Apr 2021 3:20

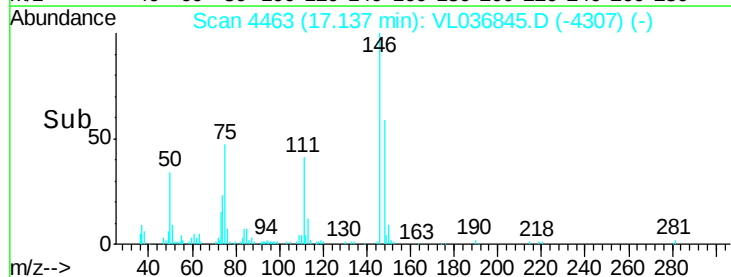
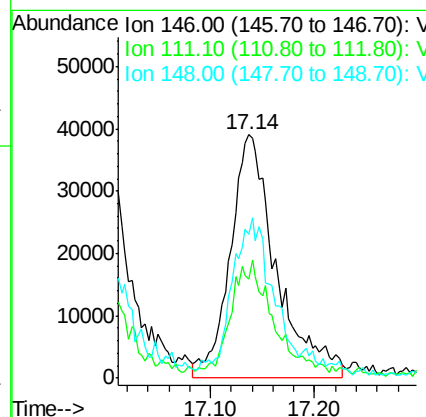
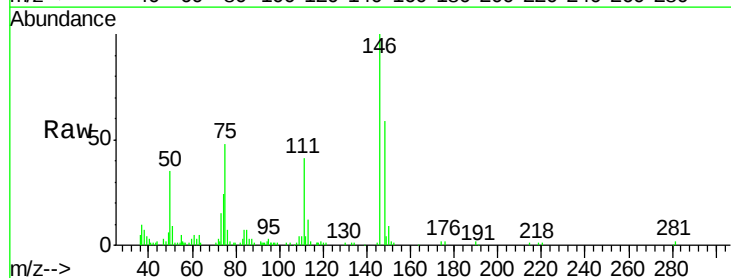
Tgt Ion:146 Resp: 120756

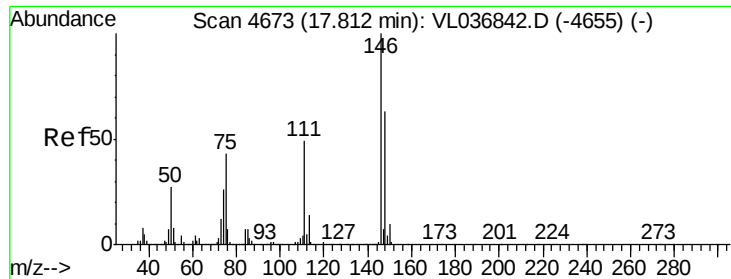
Ion Ratio Lower Upper

146 100

111 49.0 24.0 72.0

148 65.4 32.8 98.3





#77

1,2-Dichlorobenzene

Concen: 0.488 ppbv m

RT: 17.82

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 27 Apr 2021 3:20

Tot Ion:1

Ion Ratio

146 100

111 50.

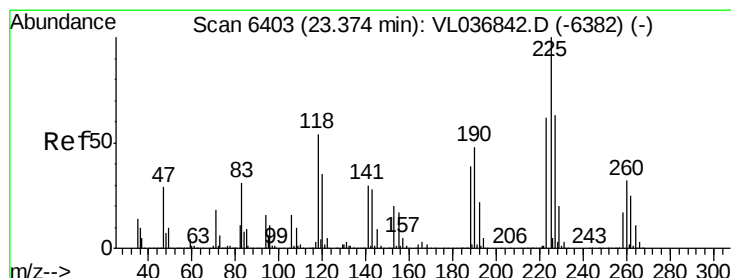
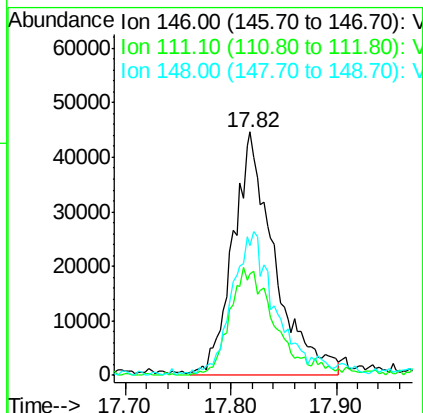
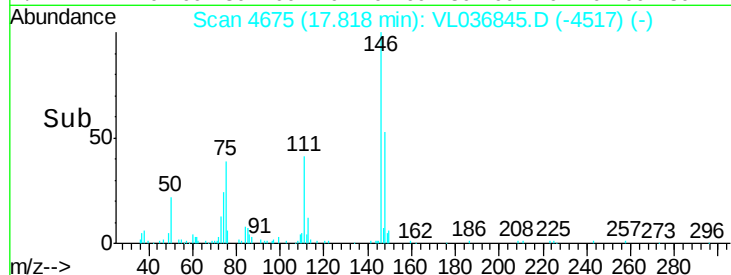
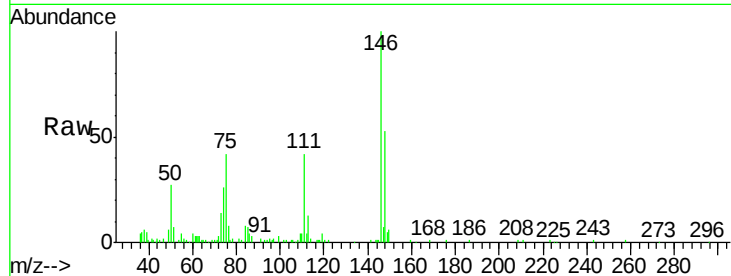
148 62.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2021

Supervised By :Mahesh Dadoda 04/29/2021



#78

Hexachloro-1,3-Butadiene

Concen: 0.496 ppbv

RT: 23.37 min Scan# 6403

Delta R.T. 0.00 min

Lab File: VL036845.D

Acq: 27 Apr 2021 3:20

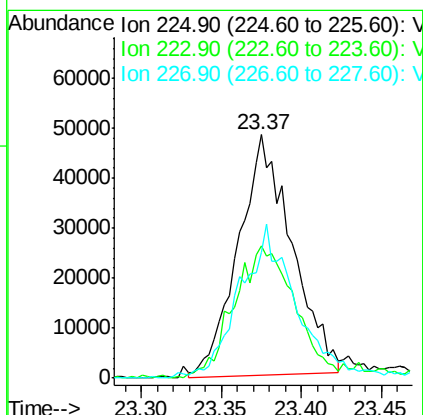
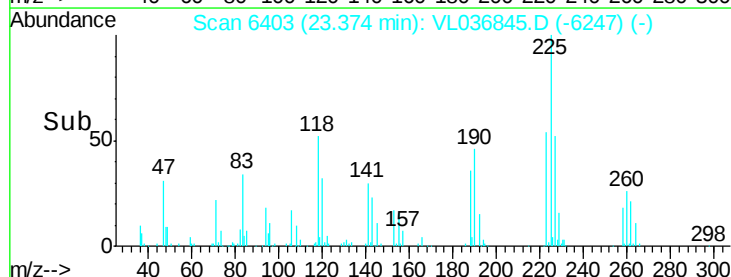
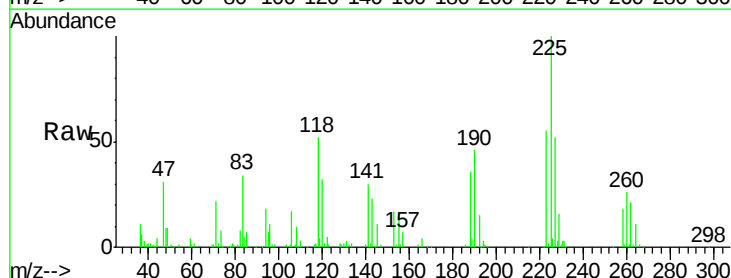
Tgt Ion:225 Resp: 111117

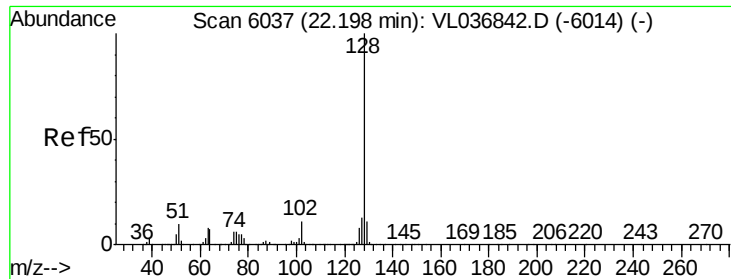
Ion Ratio Lower Upper

225 100

223 68.2 51.0 76.6

227 68.5 51.9 77.9



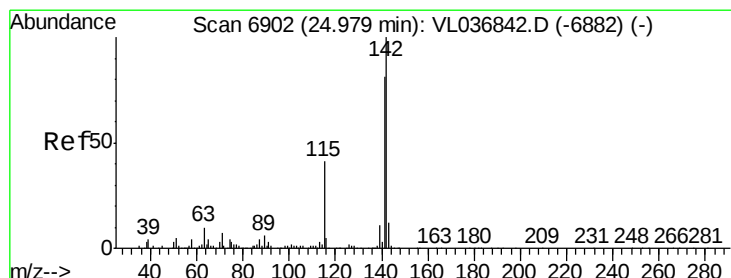
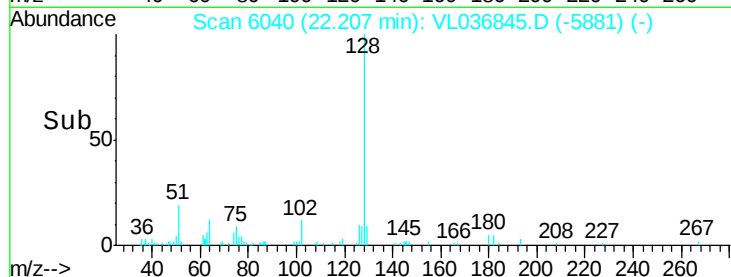
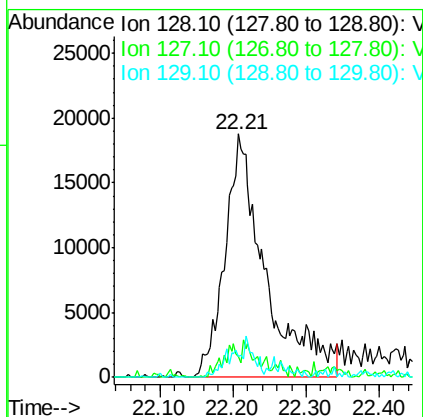
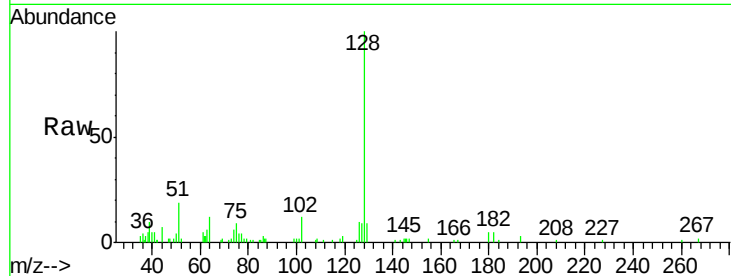


#79
Naphthalene
Concen: 0.268 ppbv m
RT: 22.21 min
Instrument: MSVOA_1
Delta R.T.: 0.10 min
Lab File: ClientSampleId : VSTDIC0.5
Acq: 27 Apr 2021 3:20

Tot Ion: 1
Ion Ratio
128 100
127 8.
129 8.

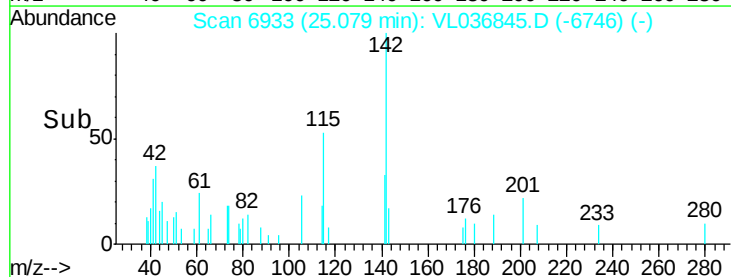
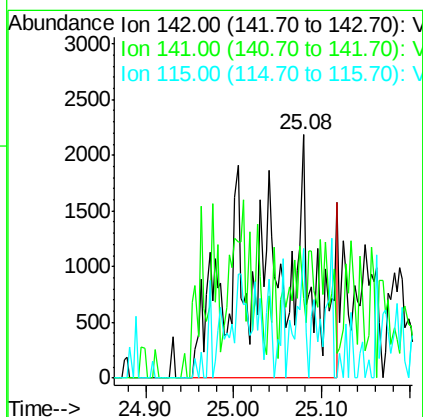
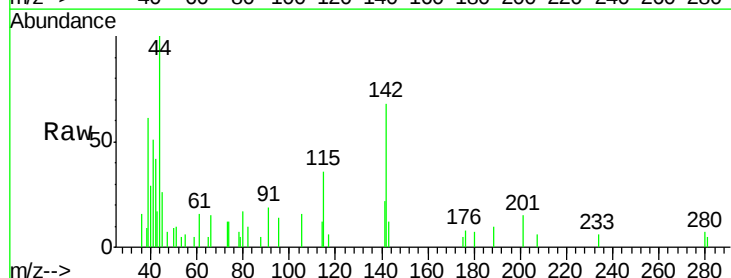
Manual Integrations
APPROVED

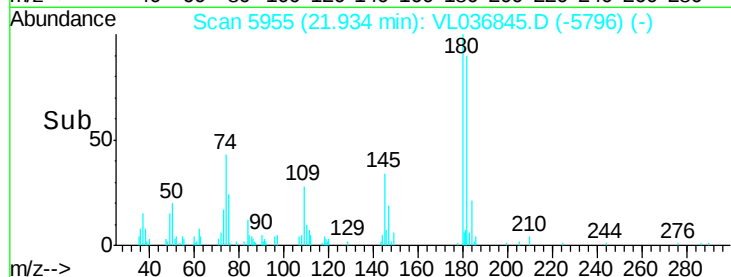
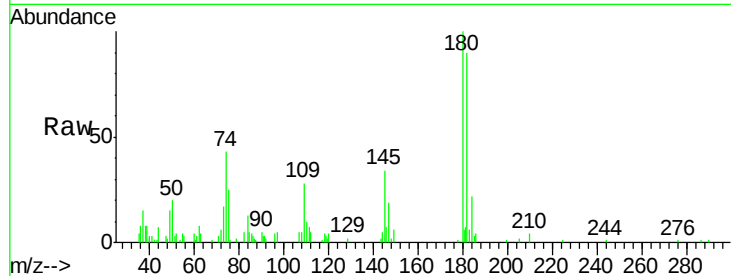
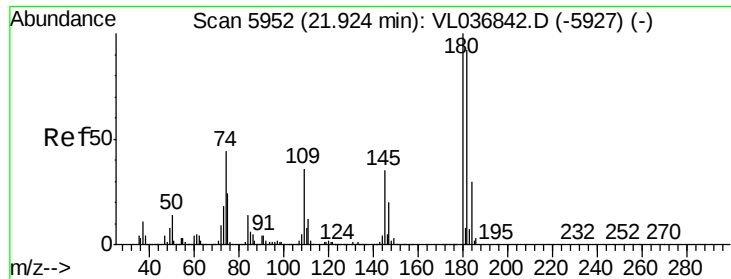
Reviewed By : Semsettin Yesilyurt 04/28/2021
Supervised By : Mahesh Dadoda 04/29/2021



#80
Naphthalene, 2-methyl-
Concen: 0.184 ppbv m
RT: 25.08 min Scan# 6933
Delta R.T.: 0.10 min
Lab File: VL036845.D
Acq: 27 Apr 2021 3:20

Tgt Ion: 142 Resp: 8402
Ion Ratio Lower Upper
142 100
141 37.5 67.8 101.8#
115 14.4 32.1 48.1#





#81

1,2,4-Trichlorobenzene

Concen: 0.336 ppbv m

RT: 21.93

Delta R.T: MSVOA_L

Lab File: ClientSampleId :

Acq: 27 Apr 2021 3:20

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

