

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL032521\
 Data File : VL036473.D
 Acq On : 25 Mar 2021 3:56
 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 03/26/2021
 Supervised By : Mahesh Dadoda 03/29/2021

Quant Time: Mar 25 09:33:50 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Thu Mar 25 07:52:30 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1708332m	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3826157	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	3439300	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2763780	9.78	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.80%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	3.05	85	163228	0.661	ppbv	90
3) Chlorodifluoromethane	2.99	51	167816	0.753	ppbv	99
4) Chloromethane	3.14	50	57469	0.583	ppbv	89
5) Vinyl Chloride	3.26	62	50058	0.537	ppbv #	83
6) Bromomethane	3.48	94	32202	0.557	ppbv	87
7) Chloroethane	3.56	64	20252m	0.581	ppbv	
8) Dichlorotetrafluoroethane	3.19	85	134714	0.564	ppbv	98
9) Propene	3.01	41	50179	0.553	ppbv	97
10) Heptane	8.12	43	116223m	0.518	ppbv	
11) Trichlorofluoromethane	3.95	101	143841	0.574	ppbv	92
12) 1,1,2-Trichlorotrifluoroet	4.48	101	91215	0.567	ppbv	95
13) Ethanol	3.62	45	6702m	0.515	ppbv	
14) Bromoethene	3.74	108	35246m	0.529	ppbv	
15) Acetone	3.86	43	93260m	0.489	ppbv	
16) 1,3-Butadiene	3.32	39	58173m	0.589	ppbv	
17) tert-Butyl alcohol	4.31	59	81269m	0.532	ppbv	
18) 1,1-Dichloroethene	4.29	96	42300m	0.588	ppbv	
19) Isopropyl Alcohol	3.98	45	51740m	0.486	ppbv	
20) Methylene Chloride	4.35	84	45311m	0.661	ppbv	
21) Allyl Chloride	4.42	41	66754m	0.581	ppbv	
22) trans-1,2-Dichloroethene	4.89	96	38826m	0.592	ppbv	
23) Vinyl Acetate	5.08	43	121871	0.525	ppbv #	94
24) 1,1-Dichloroethane	5.01	63	106062	0.587	ppbv #	98
25) Ethyl Acetate	5.68	43	195386m	0.512	ppbv	
26) Hexane	5.69	57	87711	0.544	ppbv	93
27) Carbon Disulfide	4.56	76	83601m	0.527	ppbv	
28) Methyl tert-Butyl Ether	5.05	73	108011m	0.512	ppbv	
29) Chloroform	5.75	83	155153m	0.593	ppbv	
30) Cyclohexane	7.13	84	68352m	0.513	ppbv	
31) cis-1,2-Dichloroethene	5.56	61	79901m	0.512	ppbv	
32) 1,1,1-Trichloroethane	6.52	97	139014m	0.531	ppbv	
34) 2-Butanone	5.26	43	108124m	0.484	ppbv	
35) Carbon Tetrachloride	7.02	117	139839	0.556	ppbv	92
36) Benzene	6.89	78	166673	0.547	ppbv	99
37) 1,2-Dichloroethane	6.31	62	100329	0.527	ppbv #	96
38) Trichloroethene	7.83	130	63999m	0.559	ppbv	
39) 1,2-Dichloropropane	7.61	63	63486	0.488	ppbv	92
40) 1,4-Dioxane	7.87	88	17498m	0.440	ppbv	
41) Tetrahydrofuran	6.08	42	37118m	0.313	ppbv	
42) Bromodichloromethane	7.79	83	131370	0.510	ppbv	96
43) Methyl Methacrylate	8.02	69	47325	0.397	ppbv	90

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Instrument :
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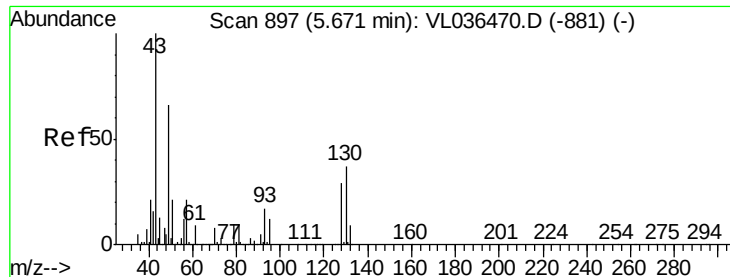
Manual Integrations
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 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Thu Mar 25 07:52:30 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.87	57	306657	0.555	ppbv	94
45) t-1,3-Dichloropropene	9.28	75	50266m	0.422	ppbv	
46) cis-1,3-Dichloropropene	8.71	75	71025m	0.457	ppbv	
47) 1,1,2-Trichloroethane	9.47	97	72737m	0.565	ppbv	
48) Dibromochloromethane	10.30	129	93635	0.479	ppbv	87
49) Bromoform	13.04	173	76100m	0.477	ppbv	
50) 4-Methyl-2-Pentanone	8.76	43	121392m	0.377	ppbv	
51) 2-Hexanone	10.16	43	50700m	0.222	ppbv	
52) Tetrachloroethene	11.22	164	62449m	0.550	ppbv	
53) Toluene	9.81	91	157843	0.480	ppbv	98
54) 1,2-Dibromoethane	10.61	107	94021	0.508	ppbv	100
56) 1,1,1,2-Tetrachloroethane	12.13	131	80245m	0.522	ppbv	
57) Chlorobenzene	12.15	112	154936m	0.605	ppbv	
58) Ethyl Benzene	12.72	91	229482	0.520	ppbv	90
59) m/p-Xylene	13.00	91	421679m	1.087	ppbv	
60) o-Xylene	13.69	91	208182	0.559	ppbv	99
61) Styrene	13.53	104	79934m	0.365	ppbv	
62) Isopropylbenzene	14.67	105	283201	0.513	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.68	83	166936m	0.579	ppbv	
64) n-propylbenzene	15.57	120	61088m	0.445	ppbv	
65) tert-Butylbenzene	16.75	119	235083m	0.490	ppbv	
66) Benzyl Chloride	17.00	91	23065m	0.206	ppbv	
67) sec-Butylbenzene	17.30	105	344032m	0.514	ppbv	
69) p-Isopropyltoluene	17.66	119	246562m	0.461	ppbv	
70) n-Butylbenzene	18.56	91	256886m	0.465	ppbv	
71) 2-Chlorotoluene	15.46	91	198174	0.479	ppbv	98
72) 4-Ethyltoluene	15.85	105	211638m	0.522	ppbv	
73) 1,3,5-Trimethylbenzene	16.01	105	211211m	0.541	ppbv	
74) 1,2,4-Trimethylbenzene	16.77	105	225412m	0.544	ppbv	
75) 1,3-Dichlorobenzene	17.01	146	131322m	0.566	ppbv	
76) 1,4-Dichlorobenzene	17.15	146	128573m	0.555	ppbv	
77) 1,2-Dichlorobenzene	17.83	146	127680m	0.566	ppbv	
78) Hexachloro-1,3-Butadiene	23.38	225	122018m	0.666	ppbv	
79) Naphthalene	22.21	128	90813m	0.368	ppbv	
80) Naphthalene,2-methyl-	25.08	142	11037m	0.210	ppbv	
81) 1,2,4-Trichlorobenzene	21.95	180	65960m	0.457	ppbv	

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



#1

Bromochloromethane

Concen: 10.000 ppbv m

RT: 5.67 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 25 Mar 2021 3:56 VSTDIC0.5

Tot Ion:

Ion Ratio

49 100

128 42.

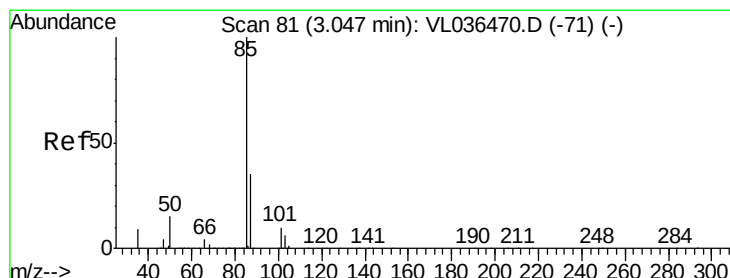
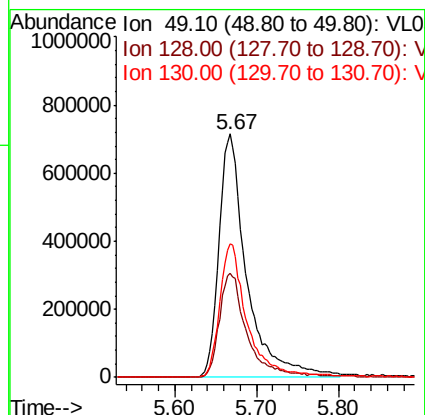
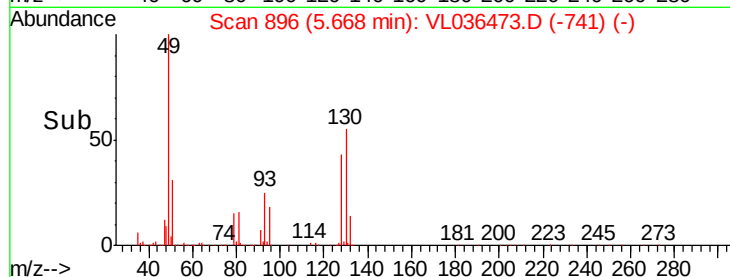
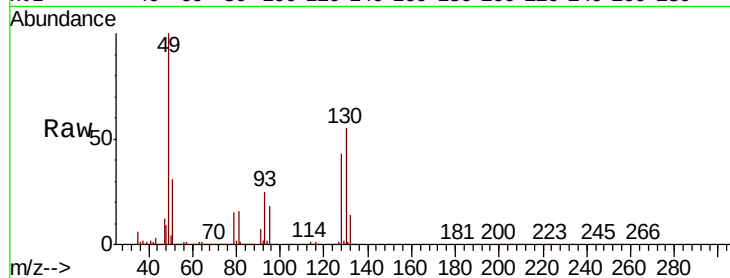
130 54.

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 0.661 ppbv

RT: 3.05 min Scan# 81

Delta R.T. 0.00 min

Lab File: VL036473.D

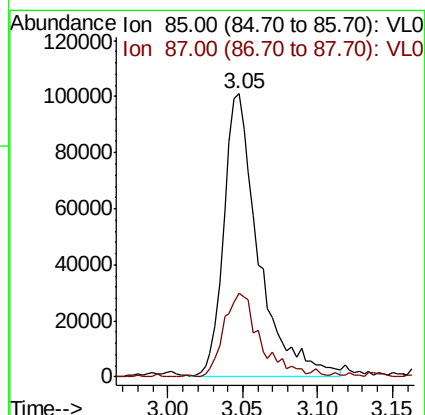
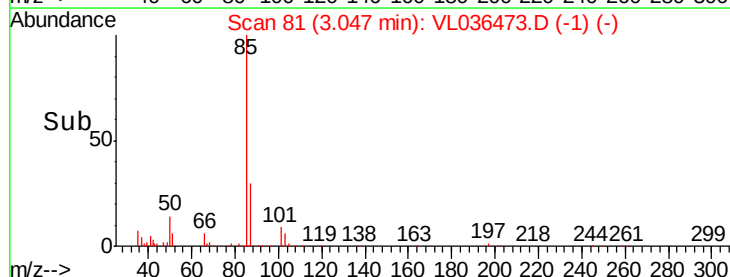
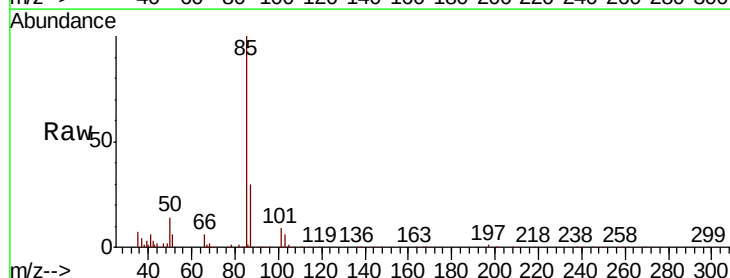
Acq: 25 Mar 2021 3:56

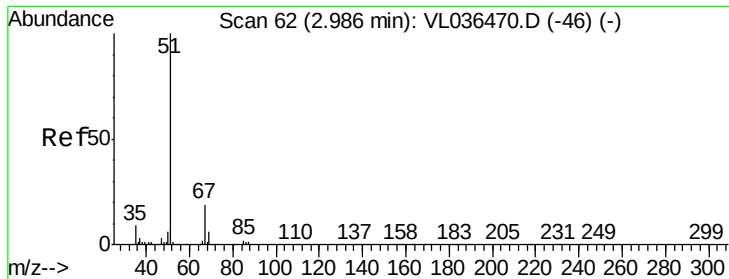
Tgt Ion: 85 Resp: 163228

Ion Ratio Lower Upper

85 100

87 29.2 27.8 41.8





#3

Chlorodifluoromethane

Concen: 0.753 ppbv

RT: 2.99 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 25 Mar 2021 3:50

Tot Ion:

Ion Ratio

51 100

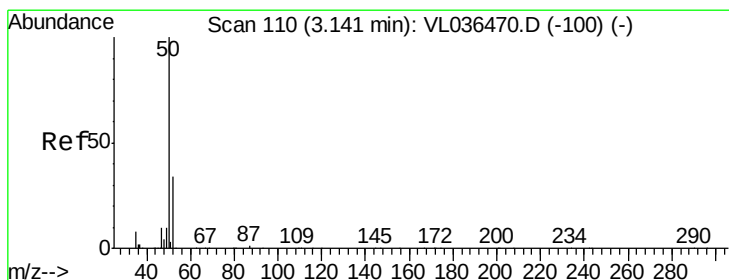
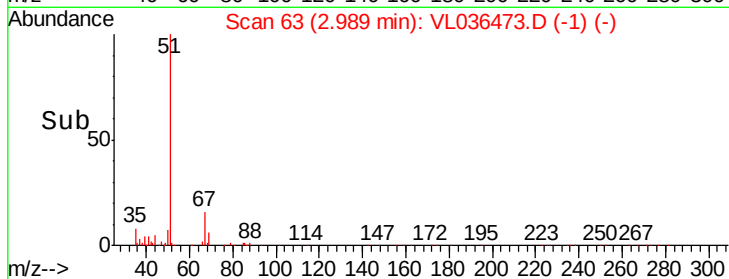
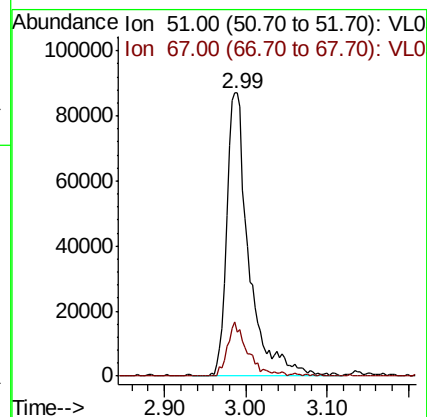
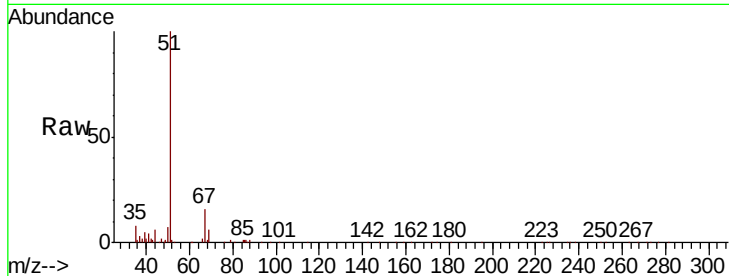
67 18.

Manual Integrations

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Supervised By :Mahesh Dadoda 03/29/2021



#4

Chloromethane

Concen: 0.583 ppbv

RT: 3.14 min Scan# 110

Delta R.T. 0.00 min

Lab File: VL036473.D

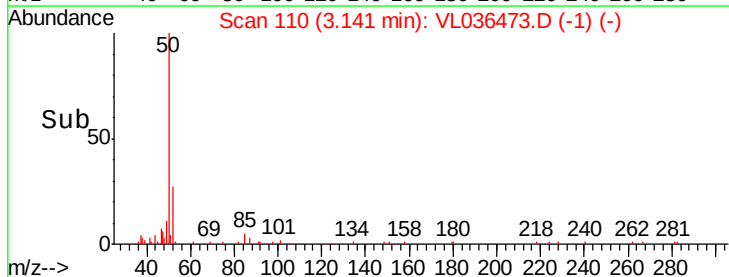
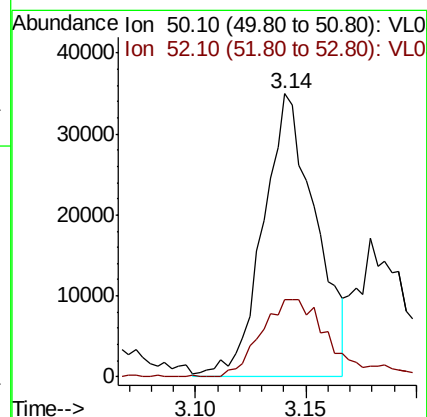
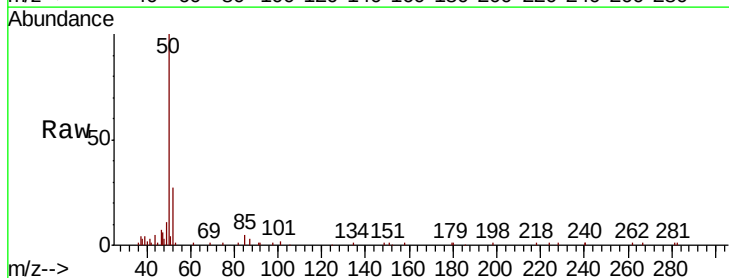
Acq: 25 Mar 2021 3:56

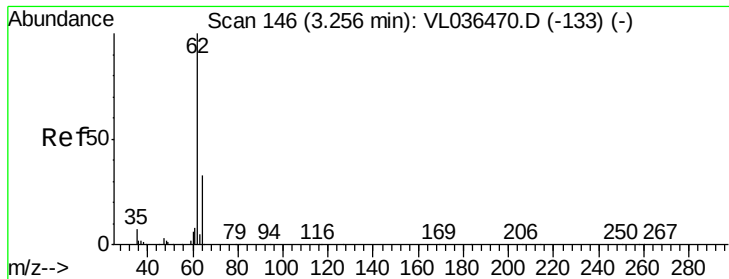
Tgt Ion: 50 Resp: 57469

Ion Ratio Lower Upper

50 100

52 27.3 27.0 40.6





#5

Vinyl Chloride

Concen: 0.537 ppbv

RT: 3.26 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 25 Mar 2021 3:50

Tot Ion:

Ion Ratio

62 100

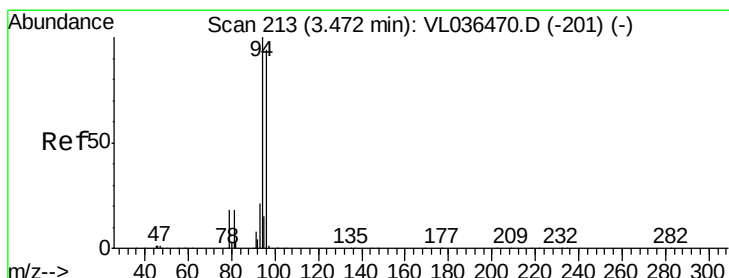
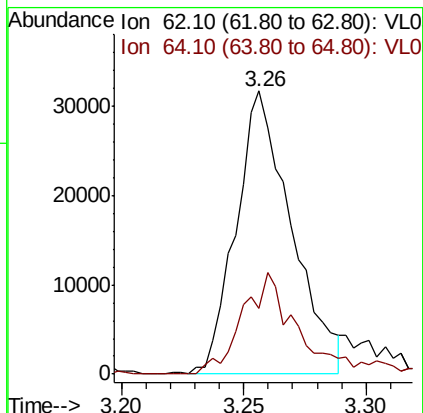
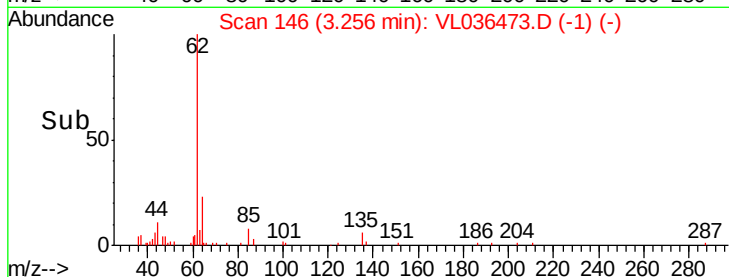
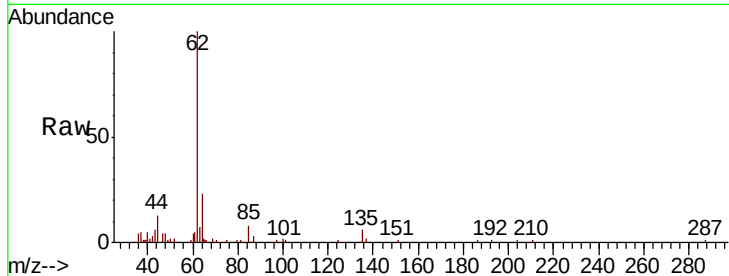
64 23.

Manual Integrations

APPROVED

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Supervised By :Mahesh Dadoda 03/29/2021



#6

Bromomethane

Concen: 0.557 ppbv

RT: 3.48 min Scan# 214

Delta R.T. 0.00 min

Lab File: VL036473.D

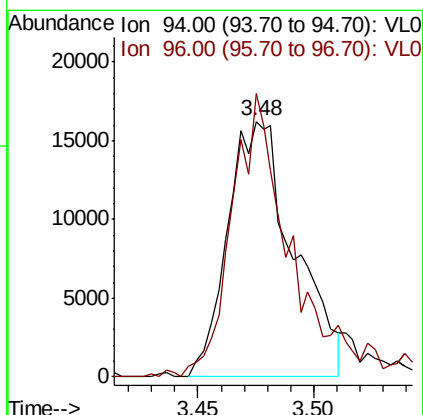
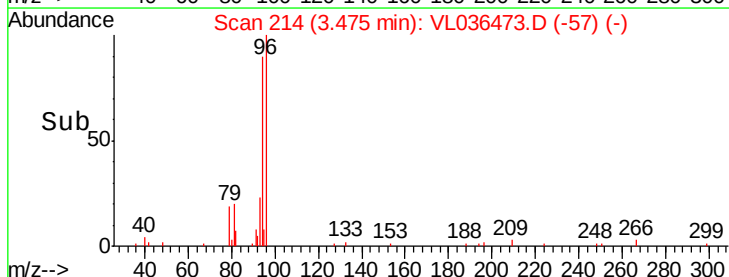
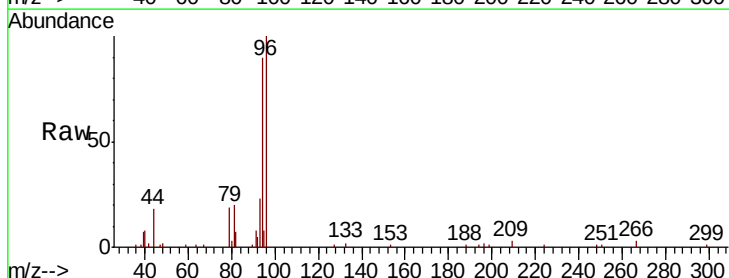
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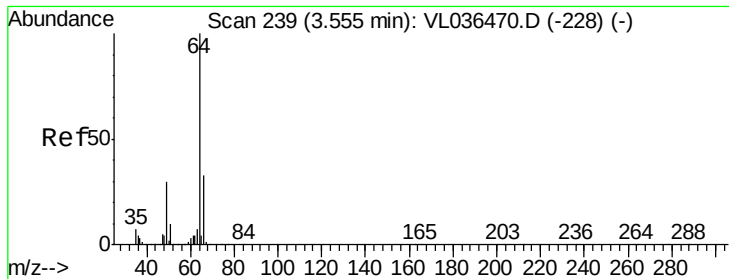
Tgt Ion: 94 Resp: 32202

Ion Ratio Lower Upper

94 100

96 106.4 74.9 112.3





#7

Chloroethane

Concen: 0.581 ppbv m

RT: 3.56 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 25 Mar 2021 3:56 VSTDIC0.5

Tot Ion:

Ion Ratio

64 100

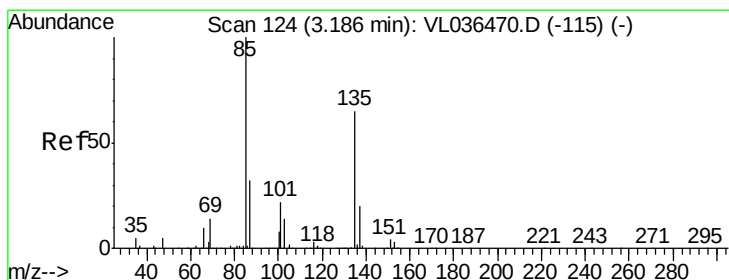
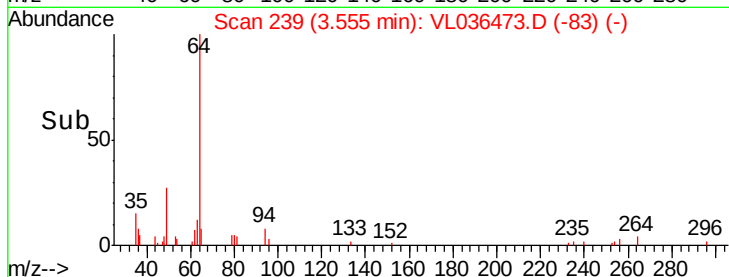
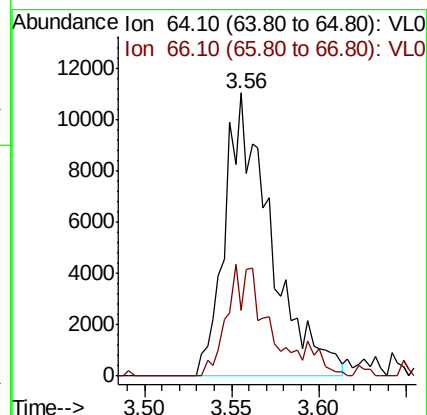
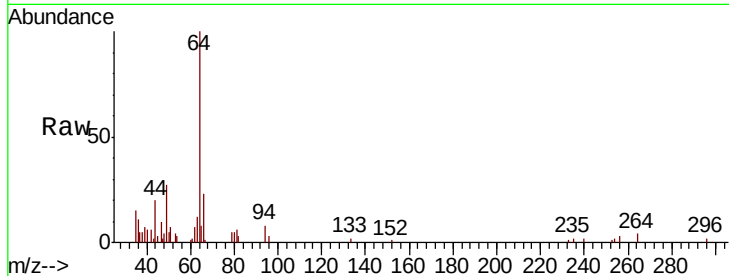
66 23.

Manual Integrations

APPROVED

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Supervised By :Mahesh Dadoda 03/29/2021



#8

Dichlorotetrafluoroethane

Concen: 0.564 ppbv

RT: 3.19 min Scan# 125

Delta R.T. 0.00 min

Lab File: VL036473.D

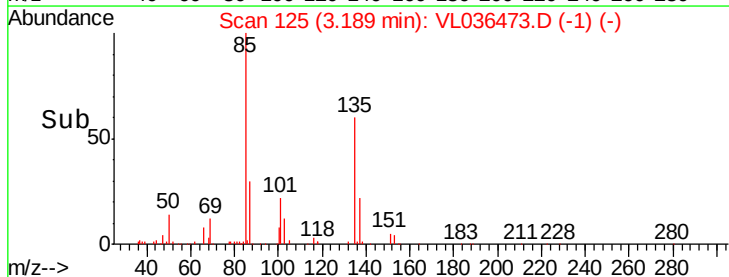
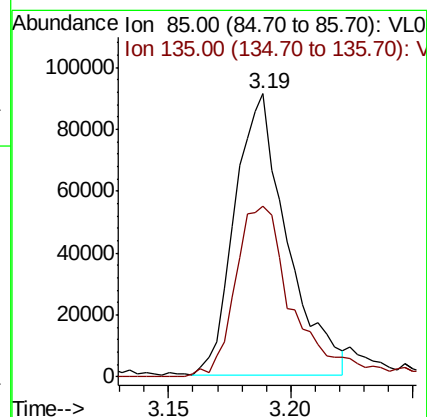
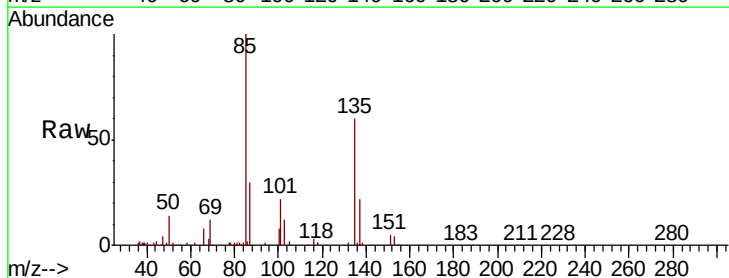
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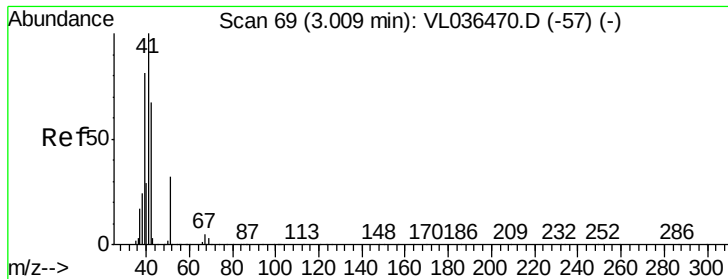
Tgt Ion: 85 Resp: 134714

Ion Ratio Lower Upper

85 100

135 69.4 54.3 81.5





#9

Propene

Concen: 0.553 ppbv

RT: 3.01

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 25 Mar 2021 3:50

Tot Ion:

Ion Ratio

41 100

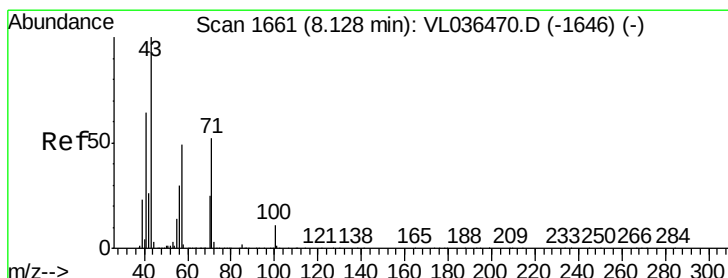
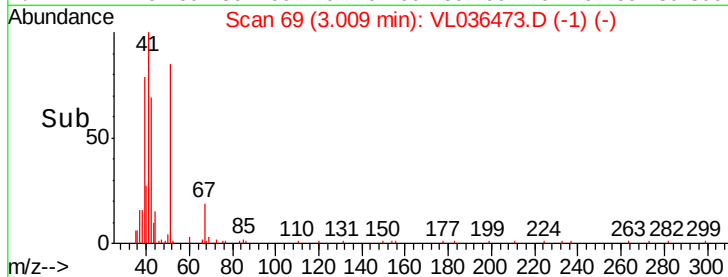
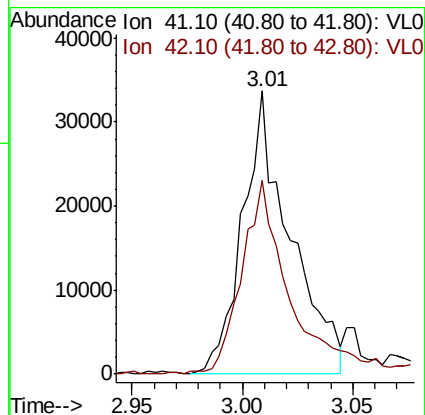
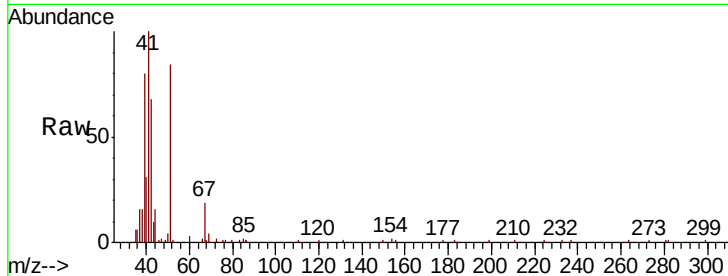
42 73.

Manual Integrations

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Supervised By :Mahesh Dadoda 03/29/2021



#10

Heptane

Concen: 0.518 ppbv m

RT: 8.12 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VL036473.D

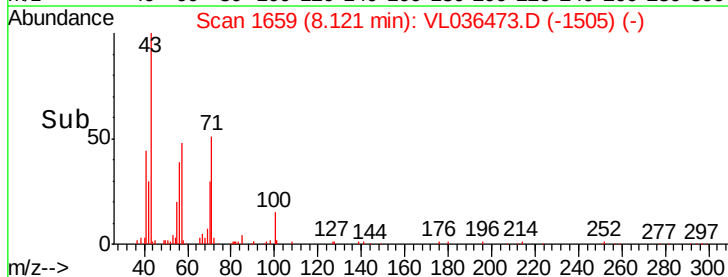
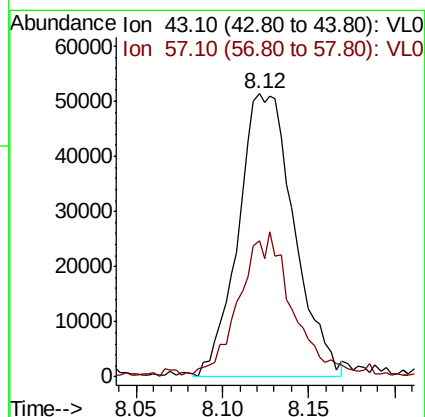
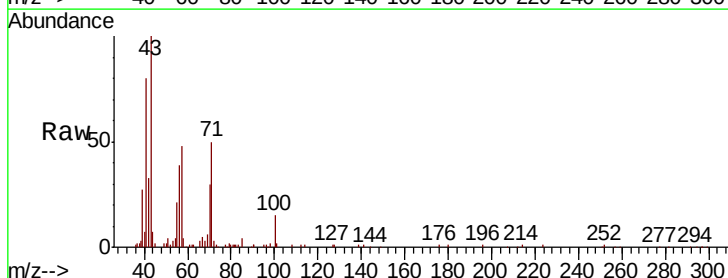
Acq: 25 Mar 2021 3:56

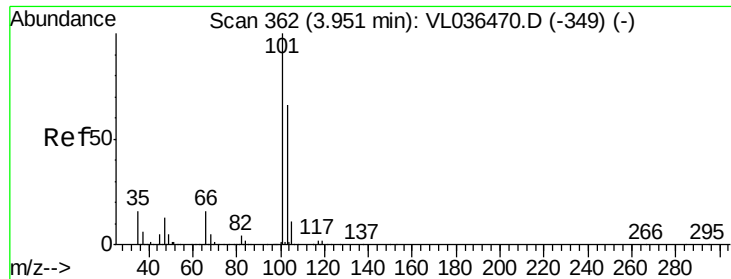
Tgt Ion: 43 Resp: 116223

Ion Ratio Lower Upper

43 100

57 0.0 39.4 59.0#



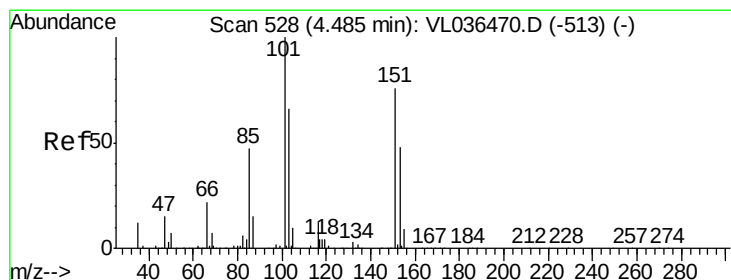
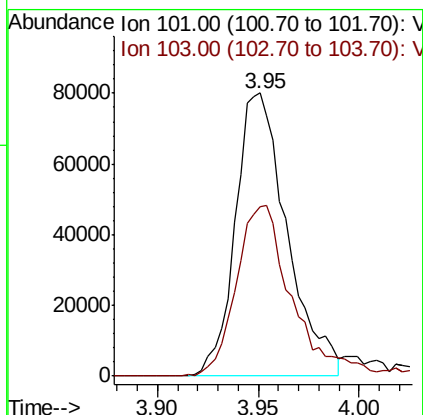
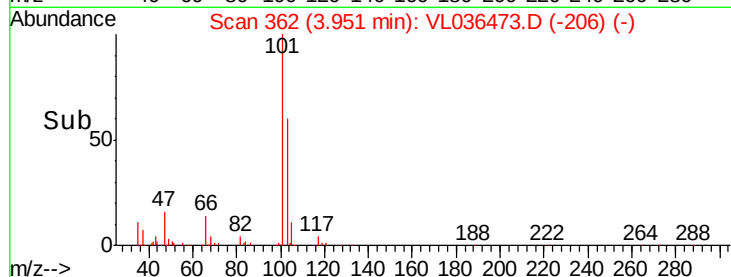
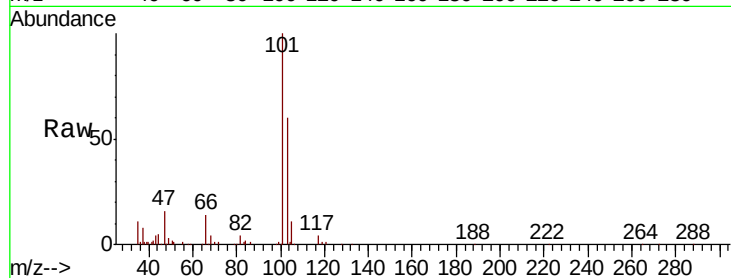


#11
 Trichlorofluoromethane
 Concen: 0.574 ppbv
 RT: 3.95
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 25 Mar 2021 3:50

Tot Ion:1
 Ion Rati
 101 100
 103 59.

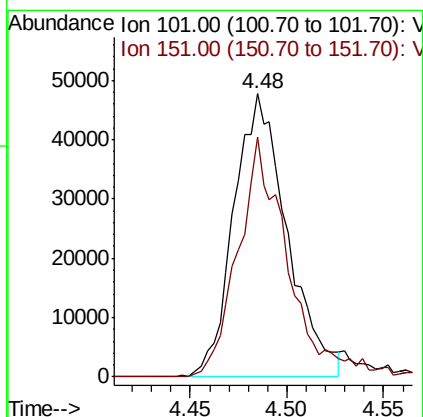
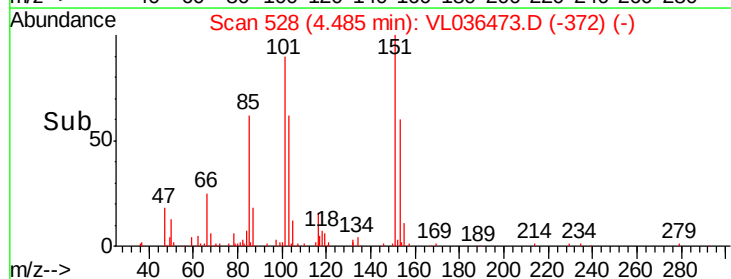
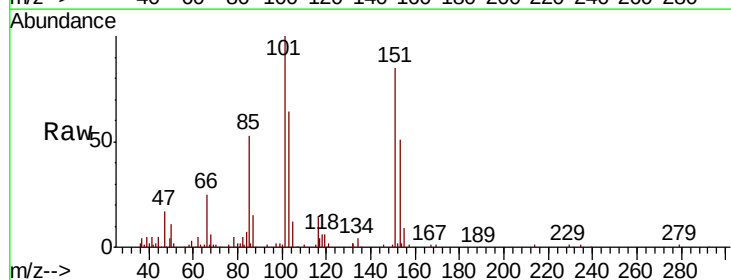
Manual Integrations
 APPROVED

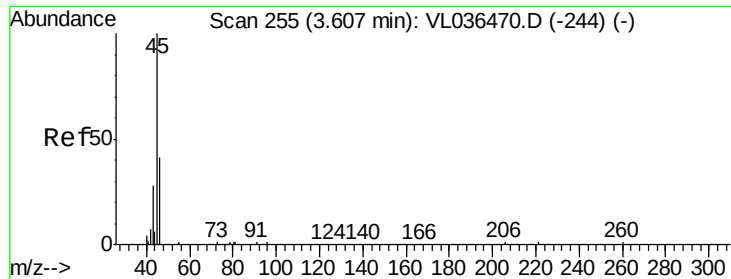
Reviewed By :Semsettin Yesilyurt 03/26/2021
 Supervised By :Mahesh Dadoda 03/29/2021



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.567 ppbv
 RT: 4.48 min Scan# 528
 Delta R.T. 0.00 min
 Lab File: VL036473.D
 Acq: 25 Mar 2021 3:56

Tgt Ion:101 Resp: 91215
 Ion Ratio Lower Upper
 101 100
 151 80.5 60.9 91.3



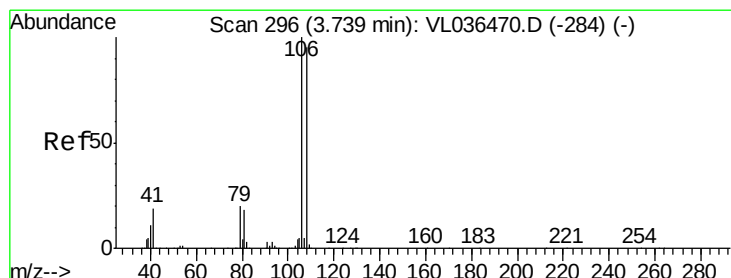
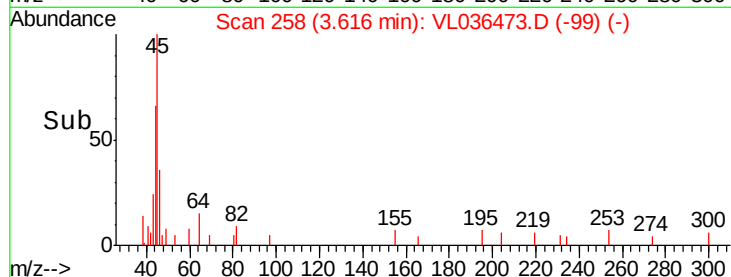
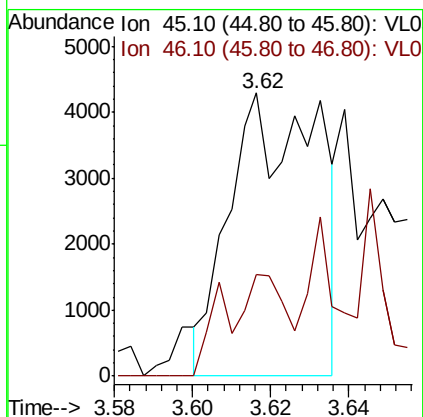
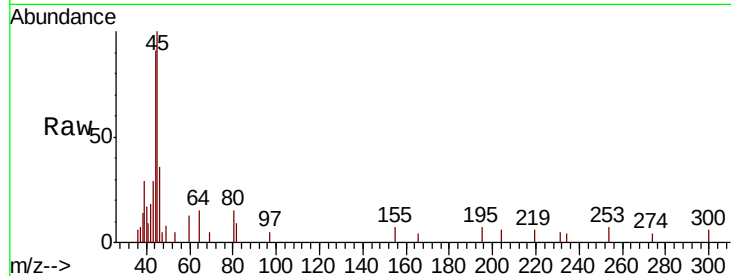


#13
Ethanol
Concen: 0.515 ppbv m
RT: 3.62
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 25 Mar 2021 3:58

Tot Ion:
Ion Ratio
45 100
46 24.

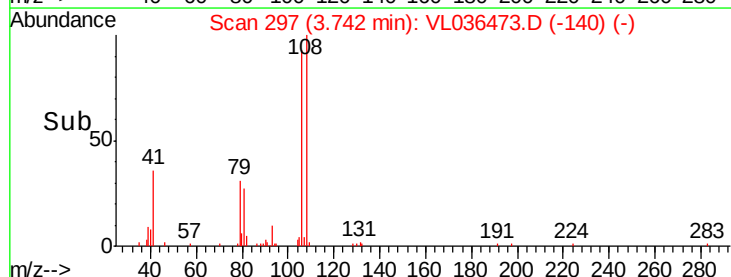
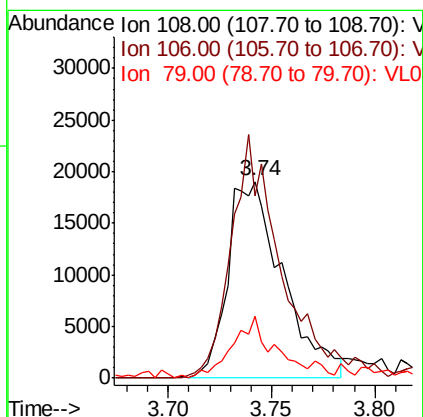
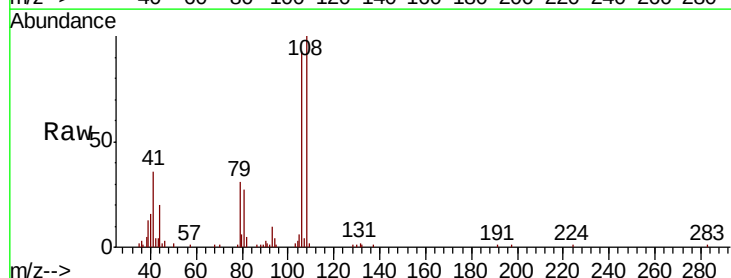
Manual Integrations
APPROVED

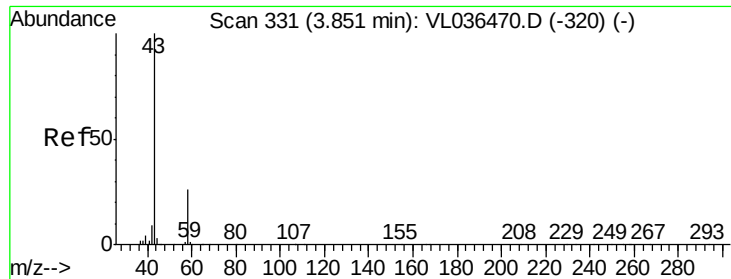
Reviewed By :Semsettin Yesilyurt 03/26/2021
Supervised By :Mahesh Dadoda 03/29/2021



#14
Bromoethene
Concen: 0.529 ppbv m
RT: 3.74 min Scan# 297
Delta R.T. 0.00 min
Lab File: VL036473.D
Acq: 25 Mar 2021 3:56

Tgt Ion:108 Resp: 35246
Ion Ratio Lower Upper
108 100
106 114.1 89.0 133.4
79 25.3 16.8 25.2#





#15

Acetone

Concen: 0.489 ppbv m

RT: 3.86

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 25 Mar 2021 3:50

Tot Ion:

Ion Ratio

43 100

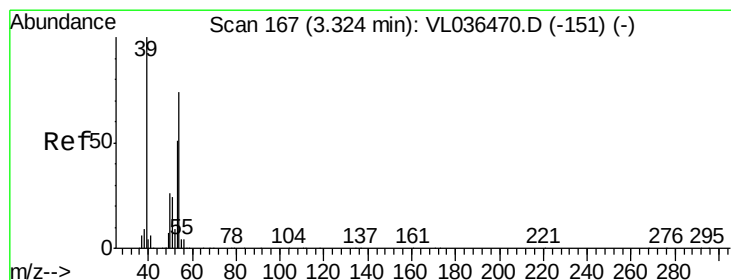
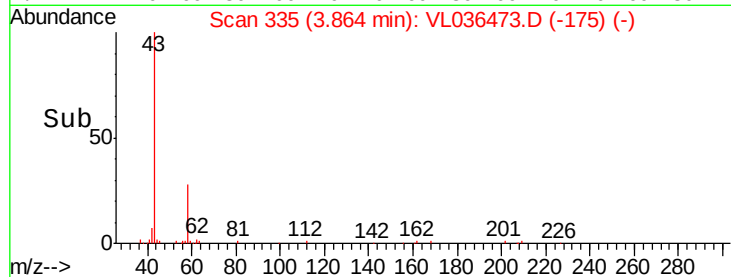
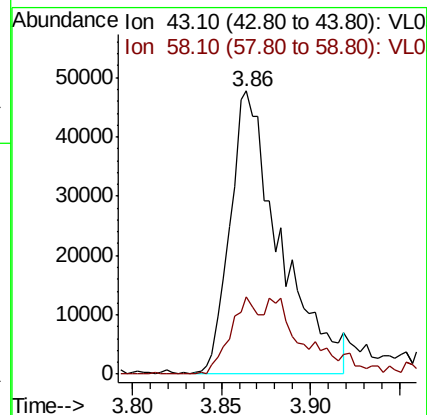
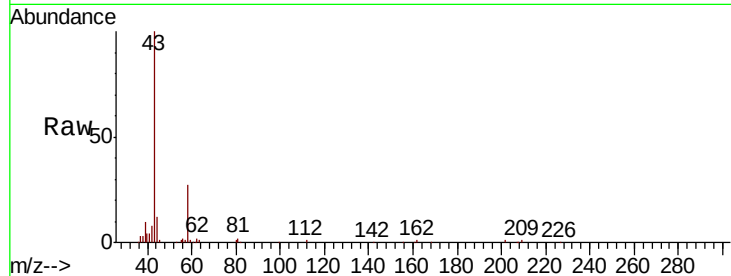
58 37.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/26/2021

Supervised By :Mahesh Dadoda 03/29/2021



#16

1,3-Butadiene

Concen: 0.589 ppbv m

RT: 3.32 min Scan# 167

Delta R.T. 0.00 min

Lab File: VL036473.D

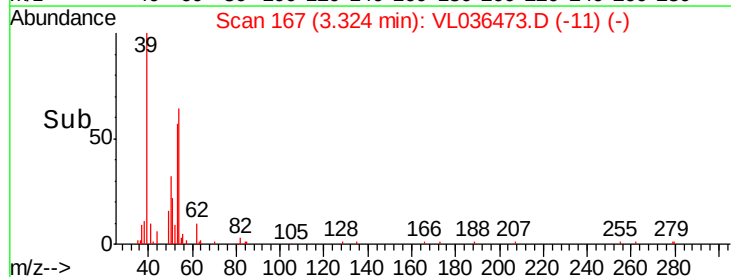
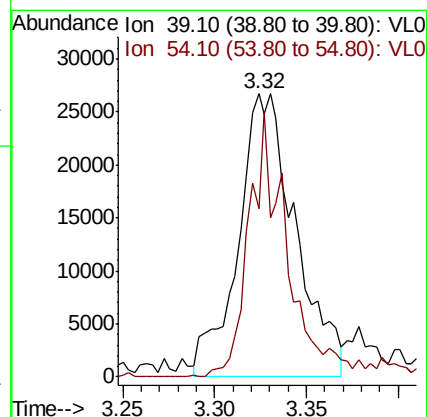
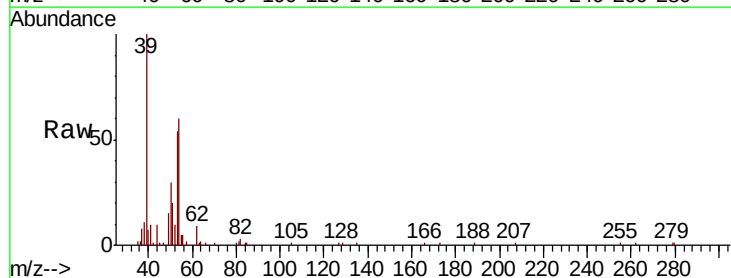
Acq: 25 Mar 2021 3:56

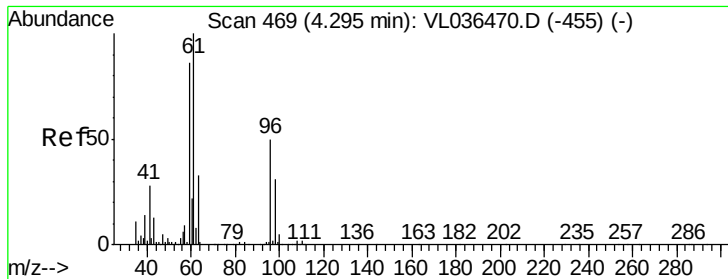
Tgt Ion: 39 Resp: 58173

Ion Ratio Lower Upper

39 100

54 0.0 59.0 88.4#





#17

tert-Butyl alcohol

Concen: 0.532 ppbv m

RT: 4.31 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 25 Mar 2021 3:56

Tot Ion:

Ion Ratio

59 100

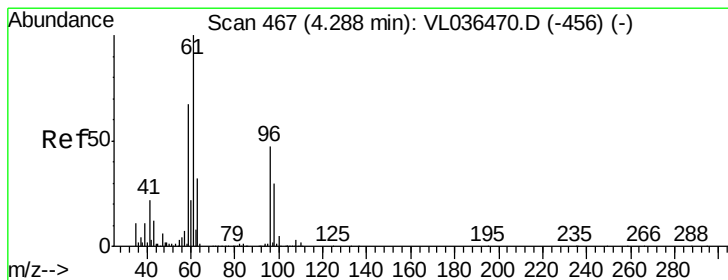
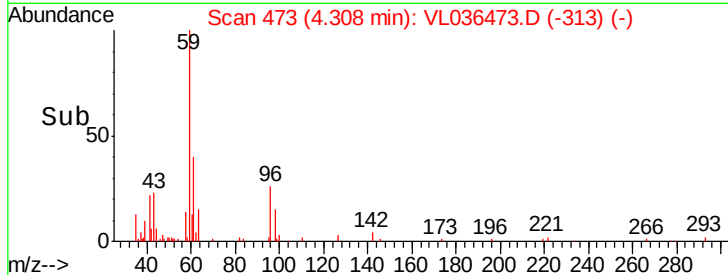
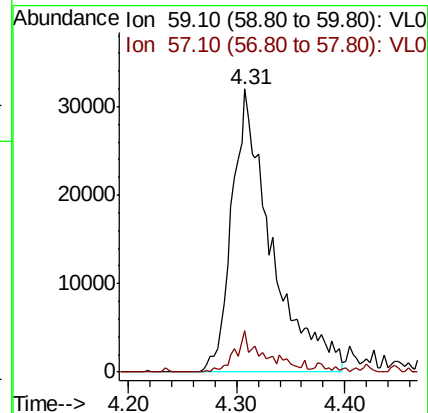
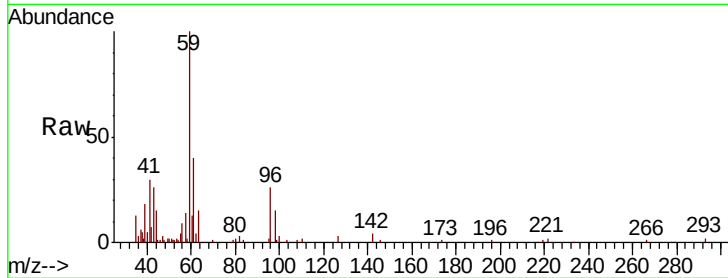
57 11.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/26/2021

Supervised By :Mahesh Dadoda 03/29/2021



#18

1,1-Dichloroethene

Concen: 0.588 ppbv m

RT: 4.29 min Scan# 468

Delta R.T. 0.00 min

Lab File: VL036473.D

Acq: 25 Mar 2021 3:56

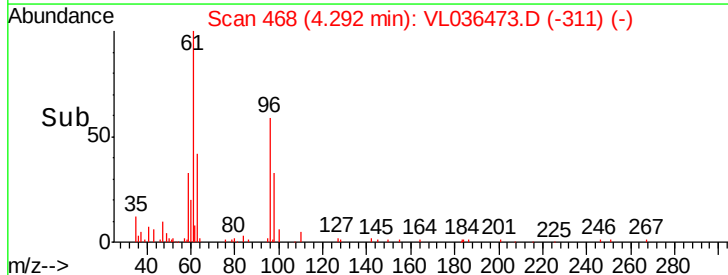
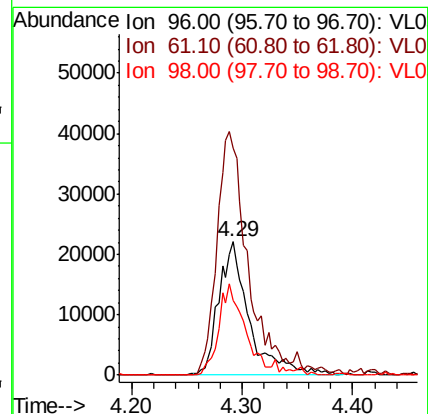
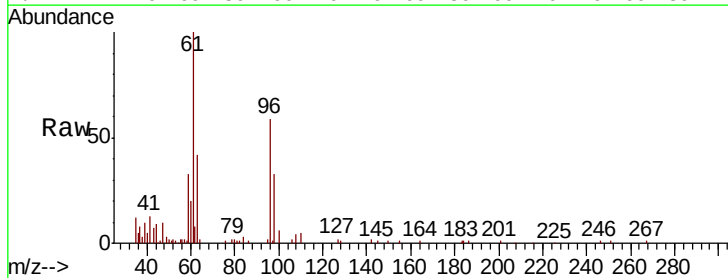
Tgt Ion: 96 Resp: 42300

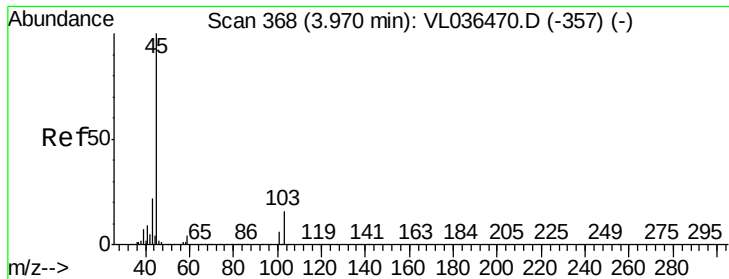
Ion Ratio Lower Upper

96 100

61 170.7 168.6 253.0

98 56.2 50.8 76.2





#19

Isopropyl Alcohol

Concen: 0.486 ppbv m

RT: 3.98

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 25 Mar 2021 3:58

Tot Ion:

Ion Ratio

45 100

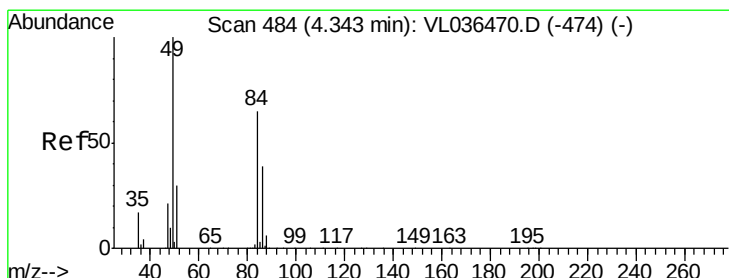
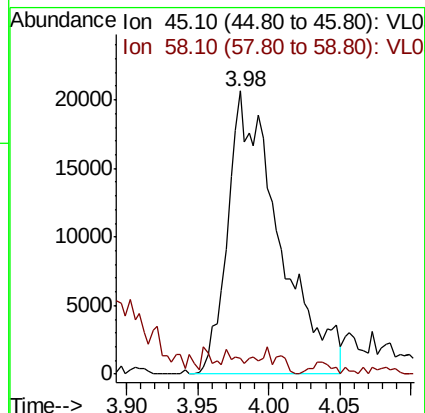
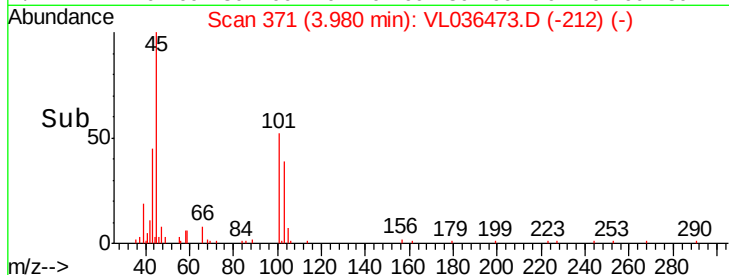
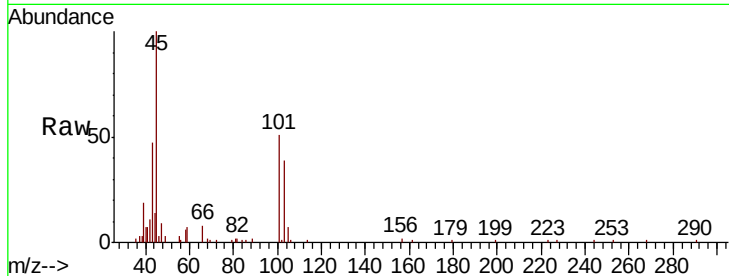
58 0.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/26/2021

Supervised By :Mahesh Dadoda 03/29/2021



#20

Methylene Chloride

Concen: 0.661 ppbv m

RT: 4.35 min Scan# 486

Delta R.T. 0.01 min

Lab File: VL036473.D

Acq: 25 Mar 2021 3:56

Tgt Ion: 84 Resp: 45311

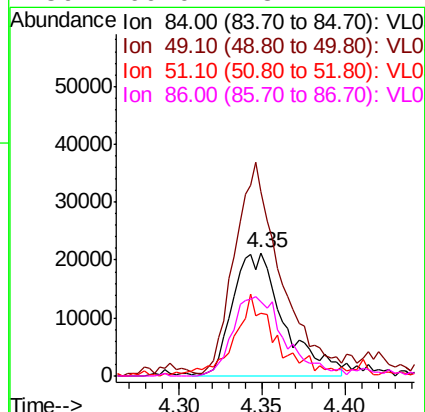
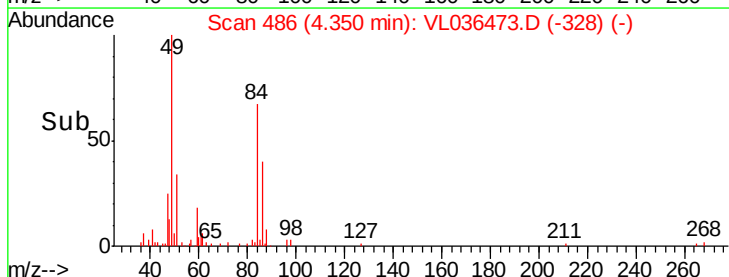
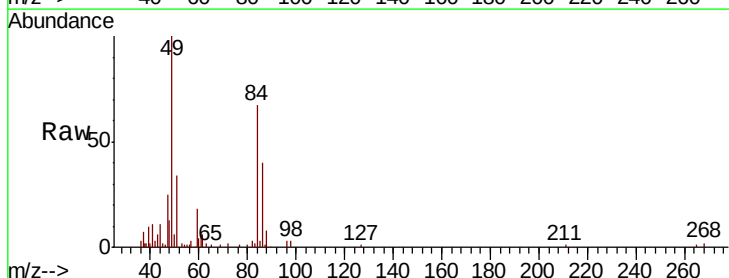
Ion Ratio Lower Upper

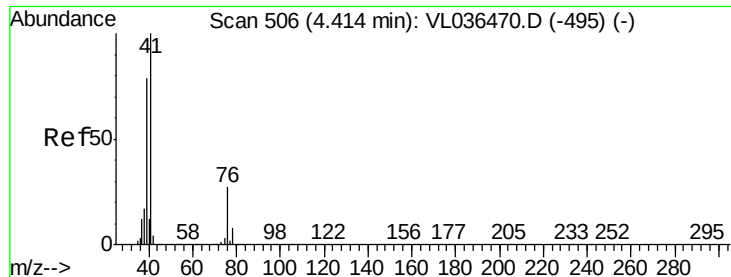
84 100

49 149.6 122.9 184.3

51 50.8 36.9 55.3

86 60.0 48.2 72.4





#21

Allvl Chloride

Concen: 0.581 ppbv m

RT: 4.42 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 25 Mar 2021 3:50

Tot Ion:

Ion Ratio

41 100

76 28.

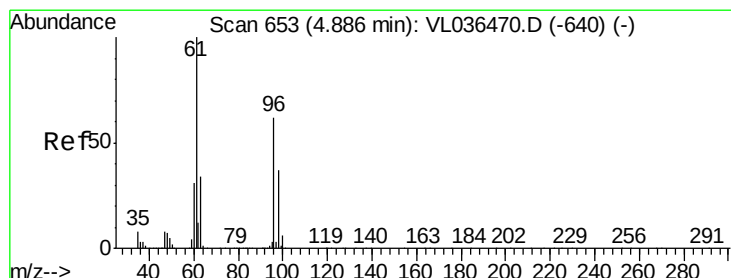
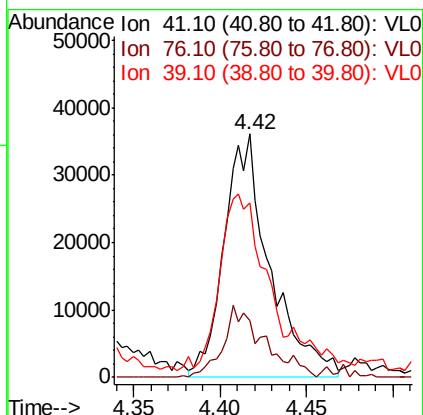
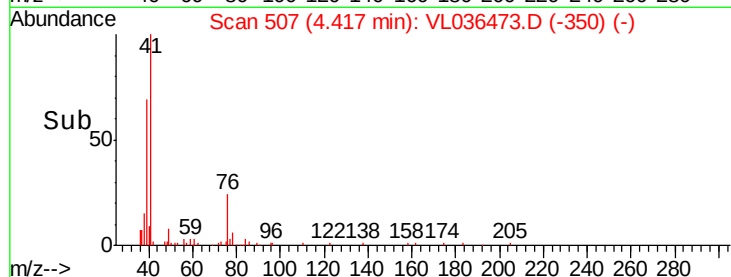
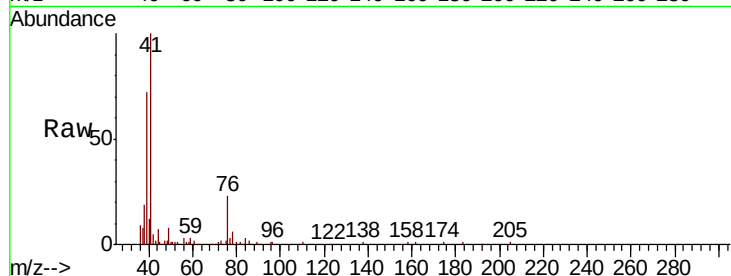
39 83.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/26/2021

Supervised By :Mahesh Dadoda 03/29/2021



#22

trans-1,2-Dichloroethene

Concen: 0.592 ppbv m

RT: 4.89 min Scan# 655

Delta R.T. 0.01 min

Lab File: VL036473.D

Acq: 25 Mar 2021 3:56

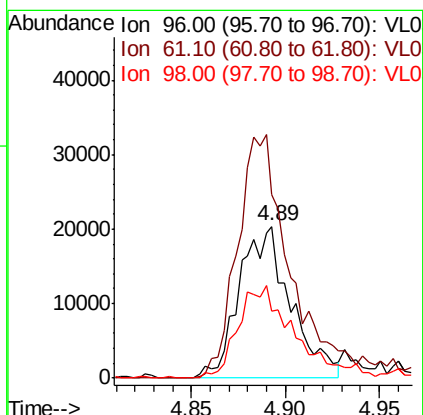
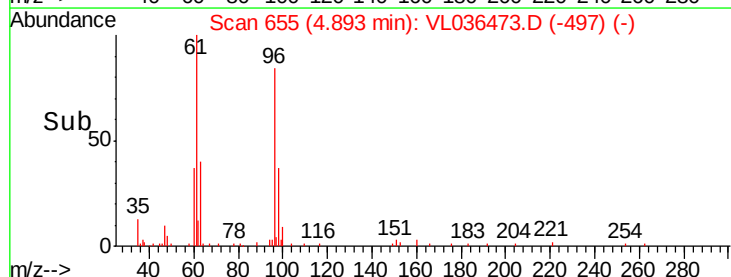
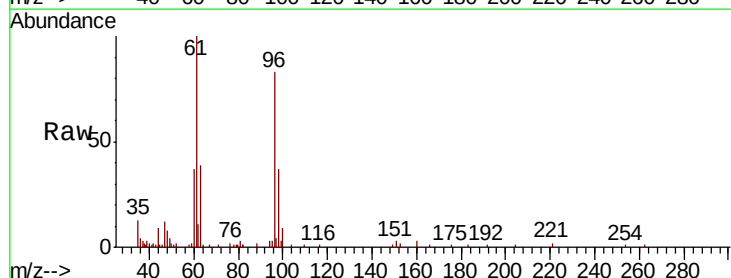
Tgt Ion: 96 Resp: 38826

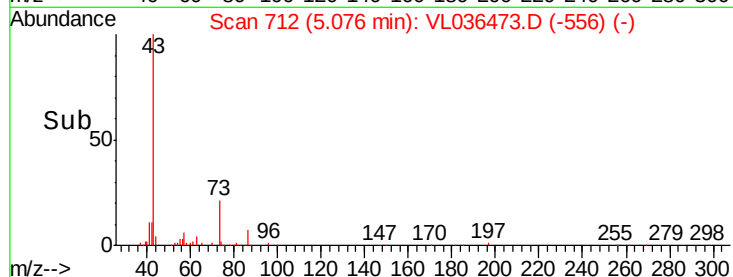
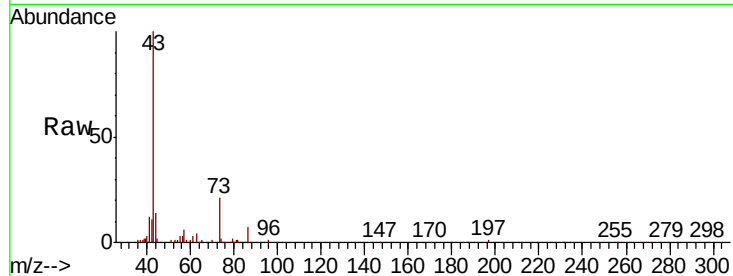
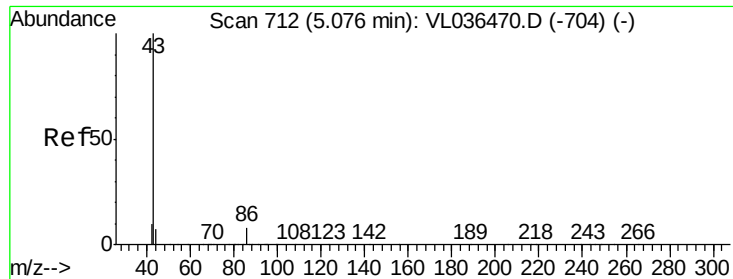
Ion Ratio Lower Upper

96 100

61 121.2 129.4 194.0#

98 44.3 48.2 72.4#



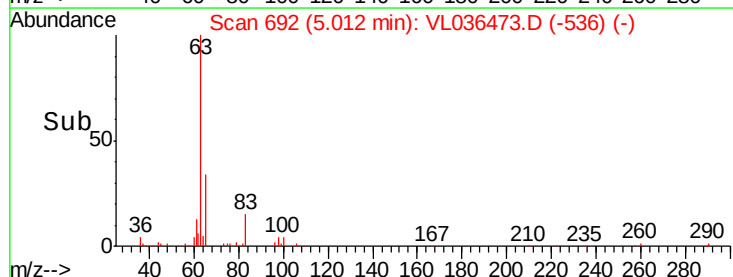
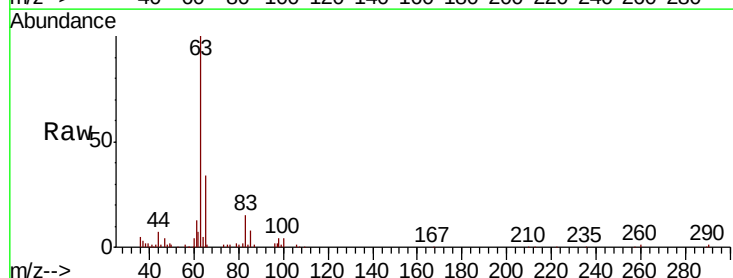
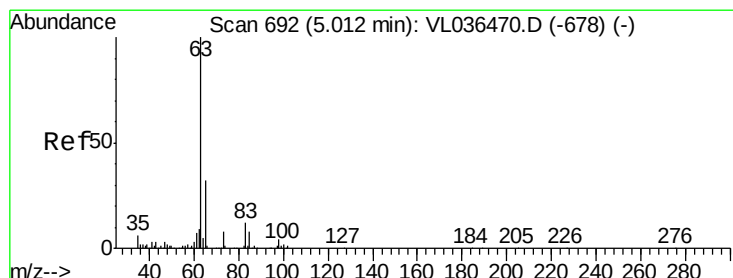
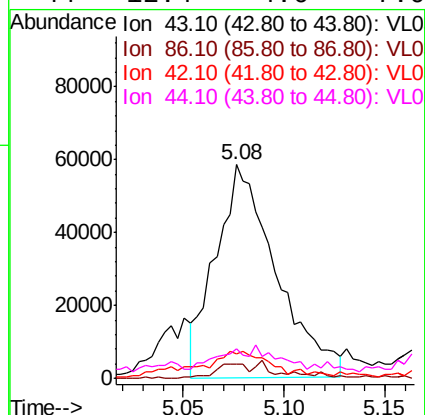


#23
 Vinyl Acetate
 Concen: 0.525 ppbv
 RT: 5.08
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 25 Mar 2021 3:50

Tot Ion:
 Ion Ratio
 43 100
 86 6.
 42 9.
 44 12.4 4.6 7.0#

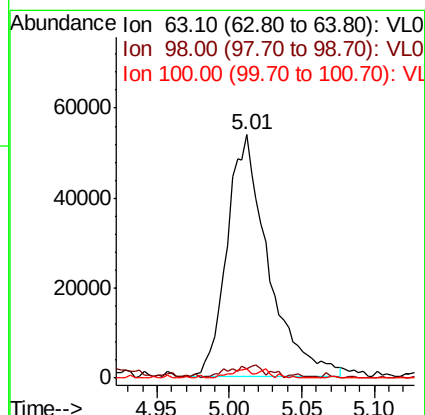
Manual Integrations
 APPROVED

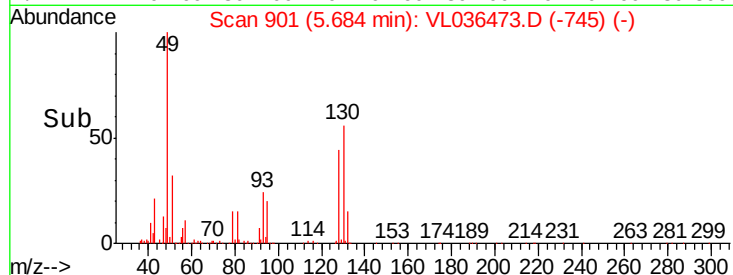
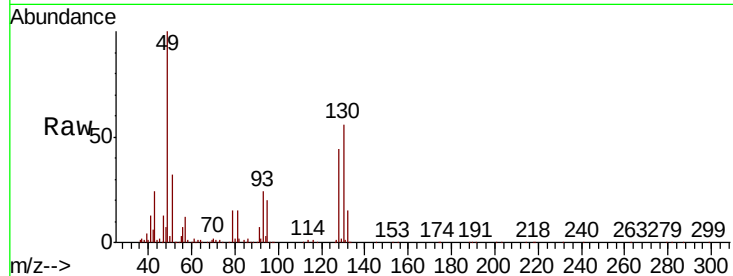
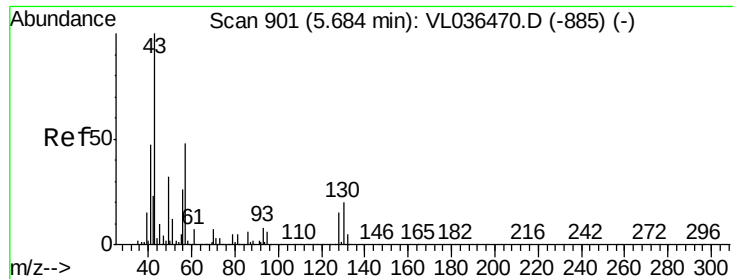
Reviewed By :Semsettin Yesilyurt 03/26/2021
 Supervised By :Mahesh Dadoda 03/29/2021



#24
 1,1-Dichloroethane
 Concen: 0.587 ppbv
 RT: 5.01 min Scan# 692
 Delta R.T. 0.00 min
 Lab File: VL036473.D
 Acq: 25 Mar 2021 3:56

Tgt Ion: 63 Resp: 106062
 Ion Ratio Lower Upper
 63 100
 98 4.0 2.1 6.2
 100 3.9 0.9 2.8#



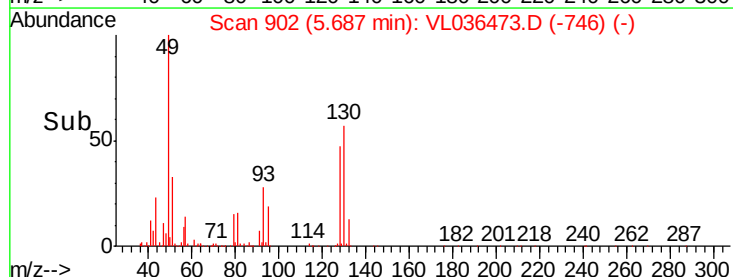
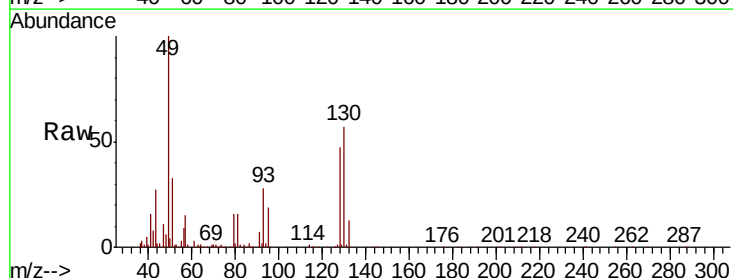
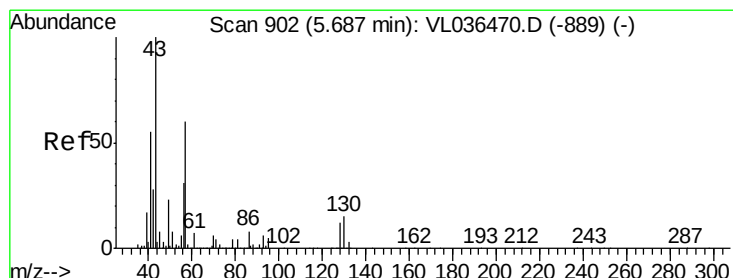
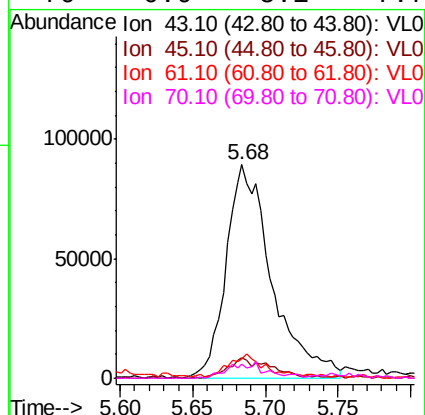


#25
Ethyl Acetate
Concen: 0.512 ppbv m
RT: 5.68
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 25 Mar 2021 3:56

Tot Ion:
Ion Ratio
43 100
45 9.
61 11.
70 0.0 5.1 7.7#

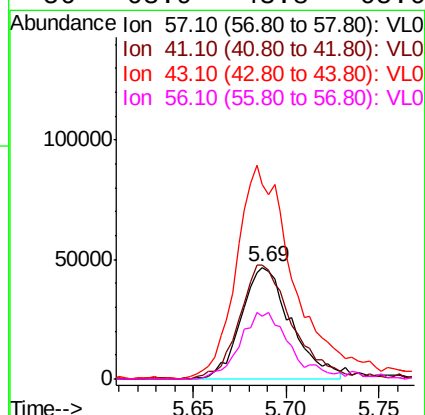
Manual Integrations
APPROVED

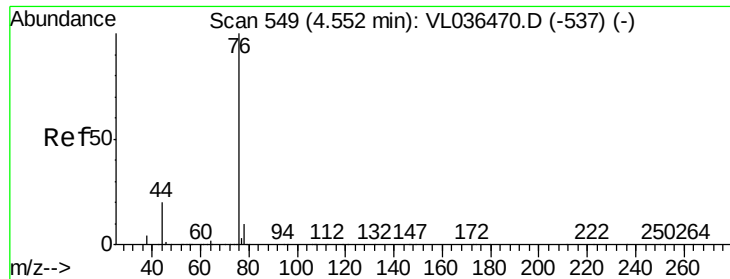
Reviewed By :Semsettin Yesilyurt 03/26/2021
Supervised By :Mahesh Dadoda 03/29/2021



#26
Hexane
Concen: 0.544 ppbv
RT: 5.69 min Scan# 902
Delta R.T. 0.00 min
Lab File: VL036473.D
Acq: 25 Mar 2021 3:56

Tgt Ion: 57 Resp: 87711
Ion Ratio Lower Upper
57 100
41 107.8 77.3 115.9
43 223.6 174.8 262.2
56 63.9 43.8 65.6





#27

Carbon Disulfide

Concen: 0.527 ppbv m

RT: 4.56 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 25 Mar 2021 3:56 VSTDIC0.5

Tot Ion:

Ion Ratio

76 100

44 27.

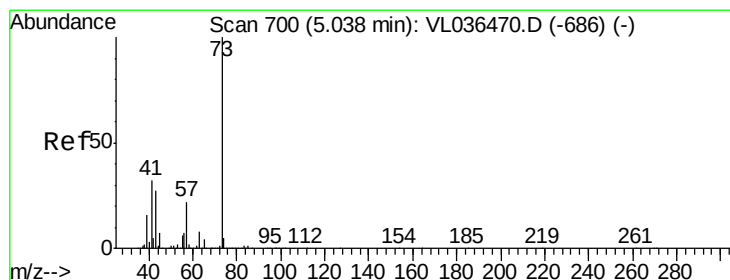
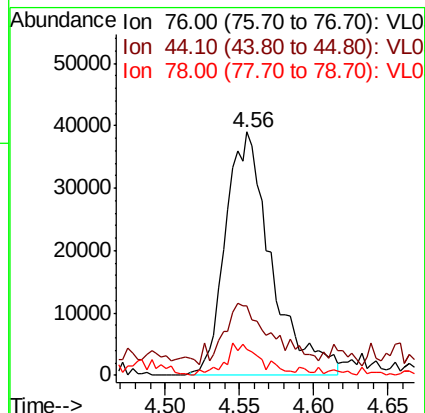
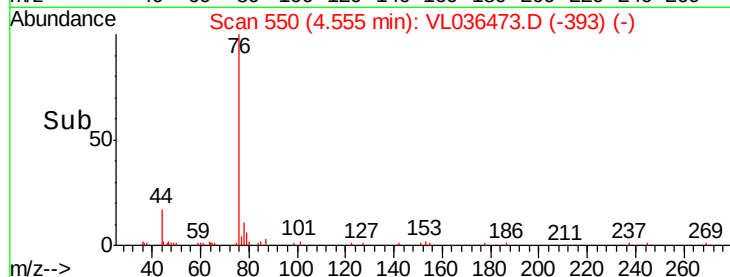
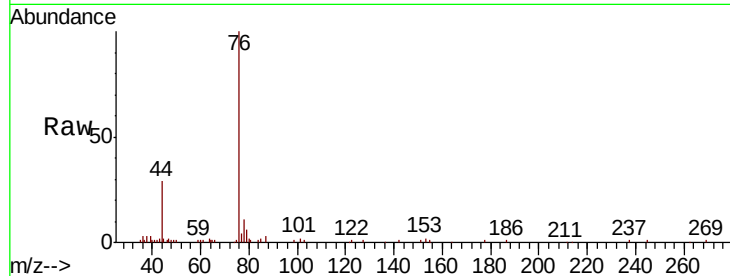
78 12.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/26/2021

Supervised By :Mahesh Dadoda 03/29/2021



#28

Methyl tert-Butyl Ether

Concen: 0.512 ppbv m

RT: 5.05 min Scan# 703

Delta R.T. 0.01 min

Lab File: VL036473.D

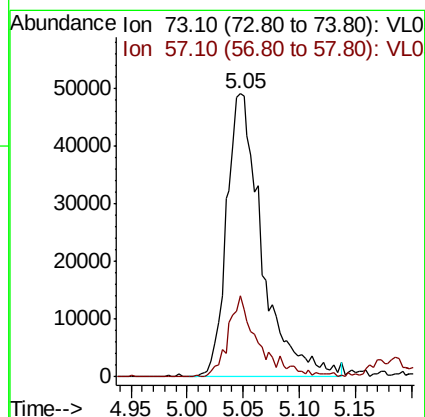
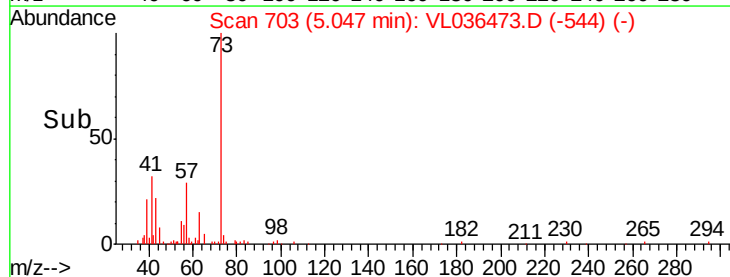
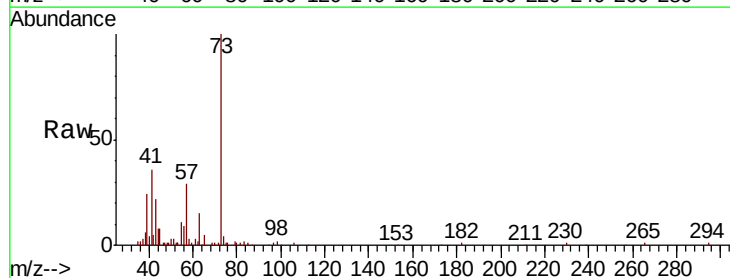
Acq: 25 Mar 2021 3:56

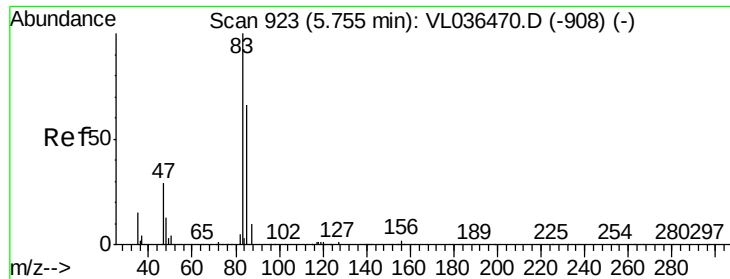
Tgt Ion: 73 Resp: 108011

Ion Ratio Lower Upper

73 100

57 24.7 18.6 27.8



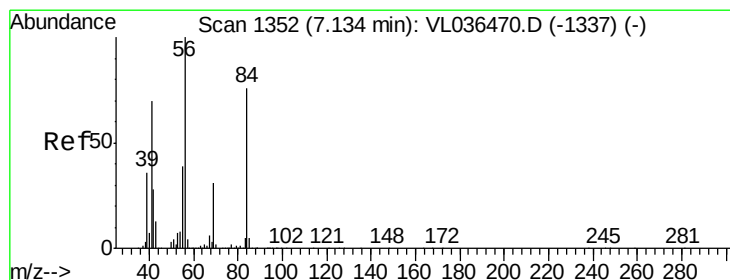
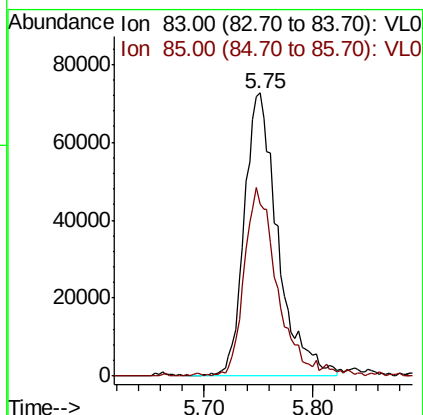
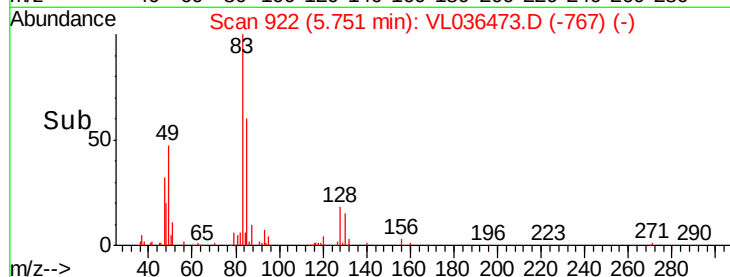
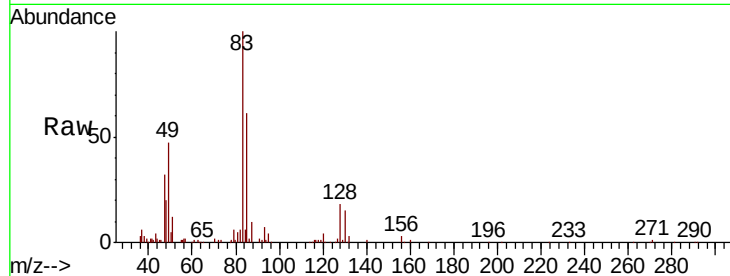


#29
Chloroform
Concen: 0.593 ppbv m
RT: 5.75
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 25 Mar 2021 3:50

Tot Ion:
Ion Ratio
83 100
85 60.

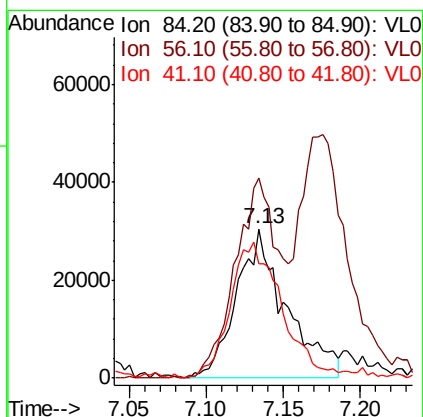
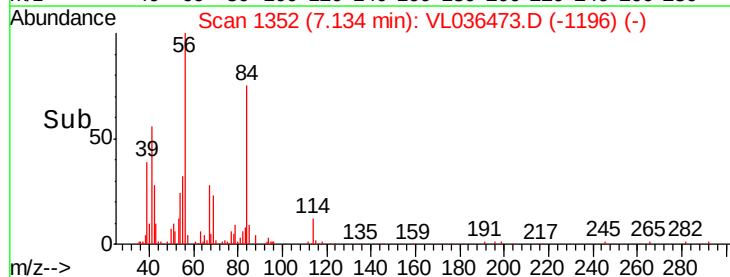
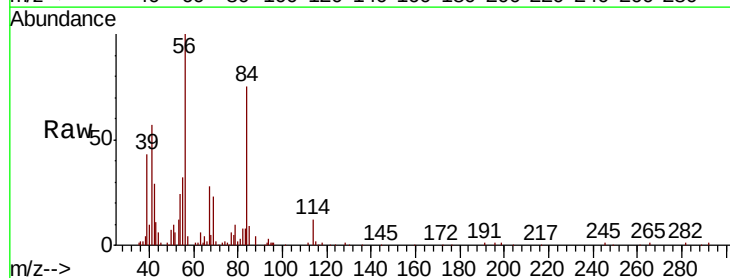
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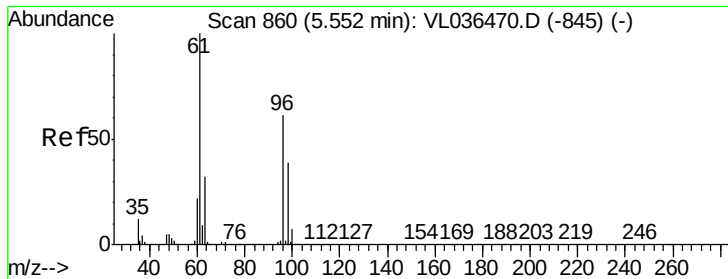
Reviewed By :Semsettin Yesilyurt 03/26/2021
Supervised By :Mahesh Dadoda 03/29/2021



#30
Cyclohexane
Concen: 0.513 ppbv m
RT: 7.13 min Scan# 1352
Delta R.T. 0.00 min
Lab File: VL036473.D
Acq: 25 Mar 2021 3:56

Tgt Ion: 84 Resp: 68352
Ion Ratio Lower Upper
84 100
56 0.0 114.6 171.8#
41 0.0 75.3 112.9#





#31

cis-1,2-Dichloroethene

Concen: 0.512 ppbv m

RT: 5.56 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 25 Mar 2021 3:56

Tot Ion:

Ion Ratio

61 100

96 56.

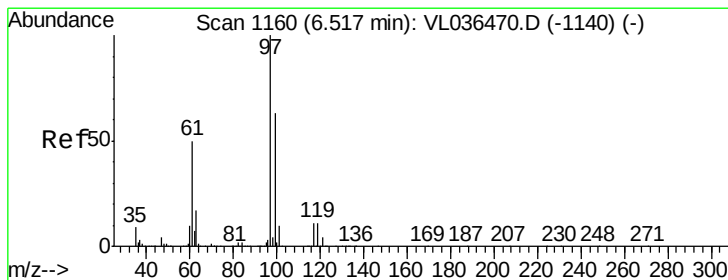
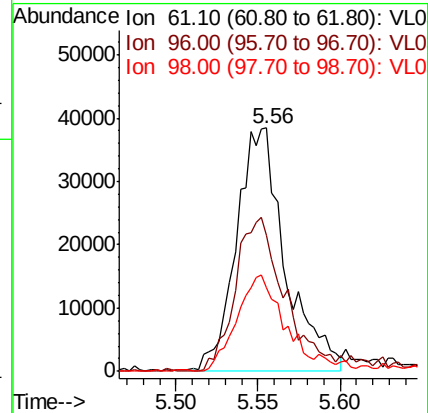
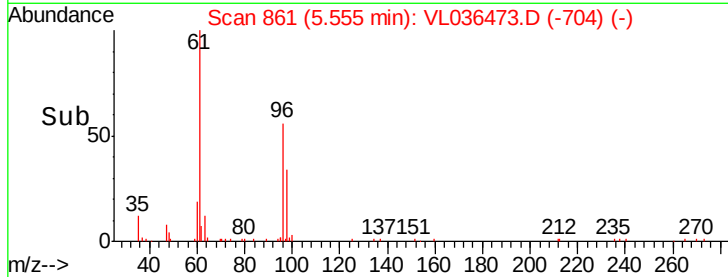
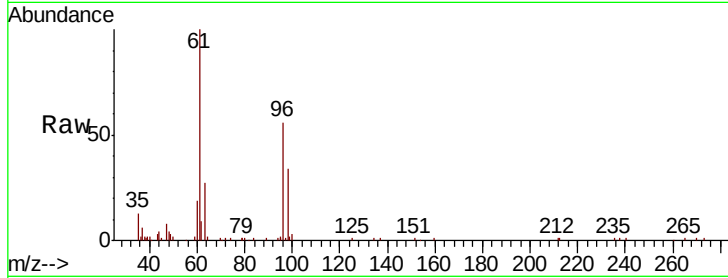
98 34.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/26/2021

Supervised By :Mahesh Dadoda 03/29/2021



#32

1,1,1-Trichloroethane

Concen: 0.531 ppbv m

RT: 6.52 min Scan# 1160

Delta R.T. 0.00 min

Lab File: VL036473.D

Acq: 25 Mar 2021 3:56

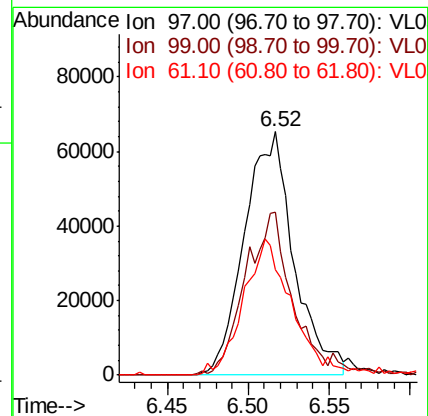
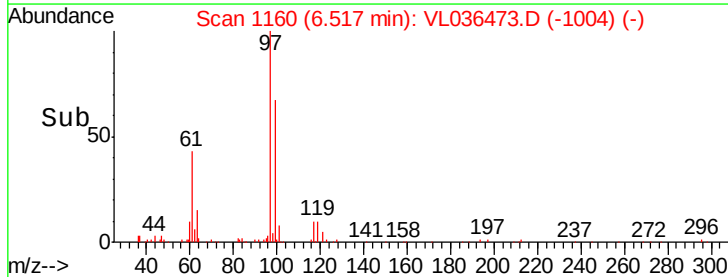
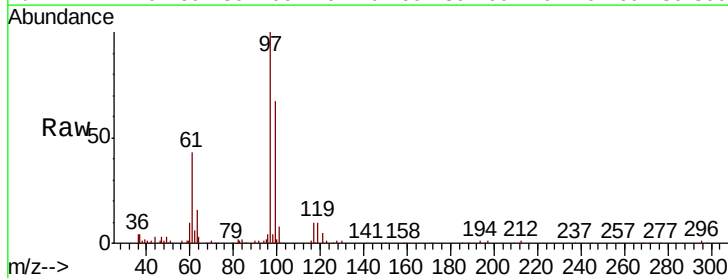
Tgt Ion: 97 Resp: 139014

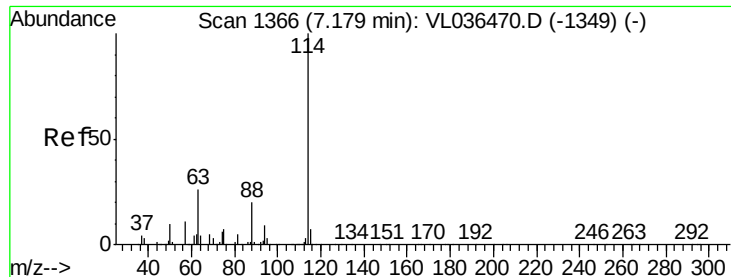
Ion Ratio Lower Upper

97 100

99 0.0 51.4 77.0#

61 56.4 40.6 60.8



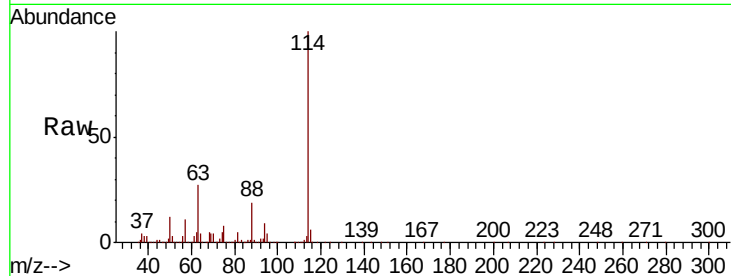


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 25 Mar 2021 3:50

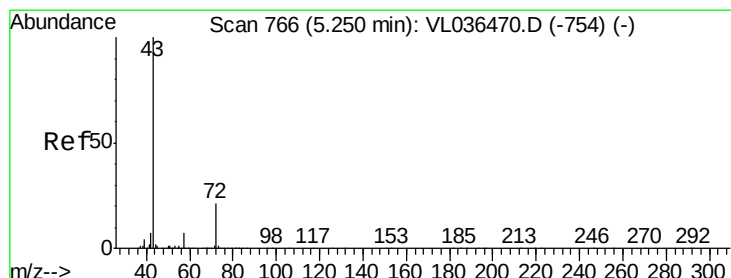
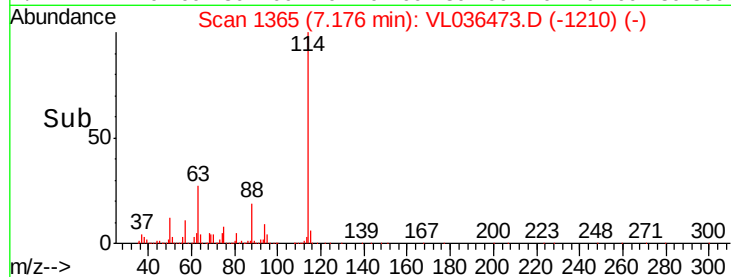
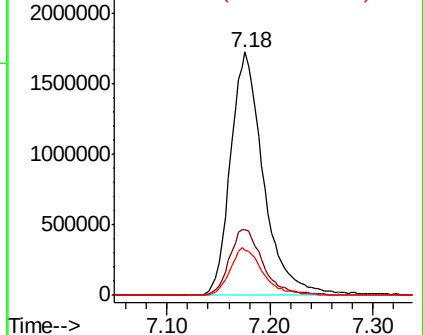
Tot Ion: 1
 Ion Ratio
 114 100
 63 28.
 88 19.

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 Supervised By : Mahesh Dadoda 03/29/2021

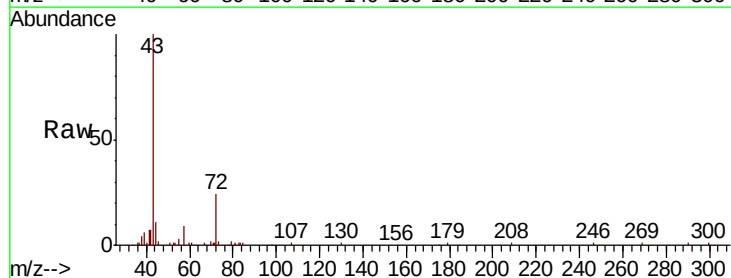


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

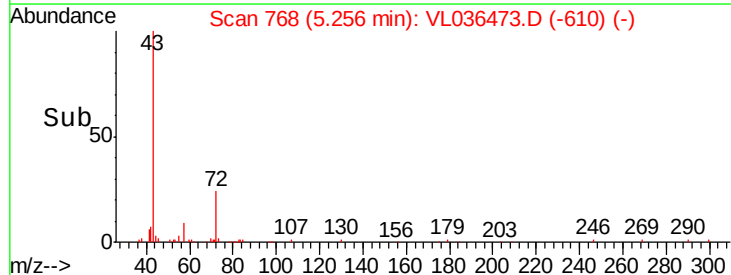
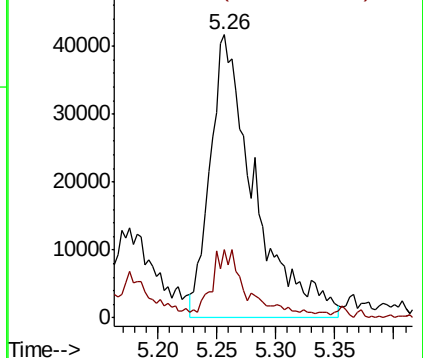


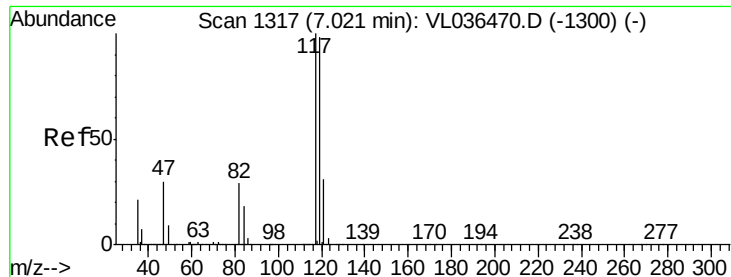
#34
 2-Butanone
 Concen: 0.484 ppbv m
 RT: 5.26 min Scan# 768
 Delta R.T.: 0.01 min
 Lab File: VL036473.D
 Acq: 25 Mar 2021 3:56

Tgt Ion: 43 Resp: 108124
 Ion Ratio Lower Upper
 43 100
 72 20.3 17.0 25.6



Abundance Ion 43.10 (42.80 to 43.80): VL0
 Ion 72.10 (71.80 to 72.80): VL0



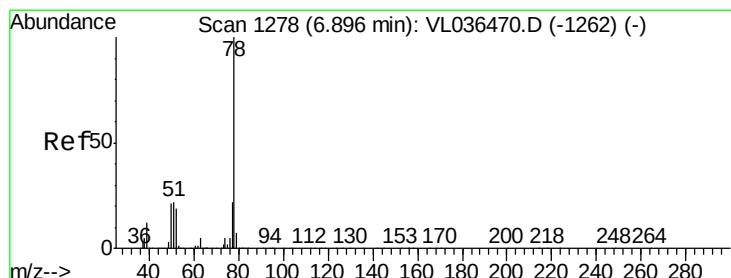
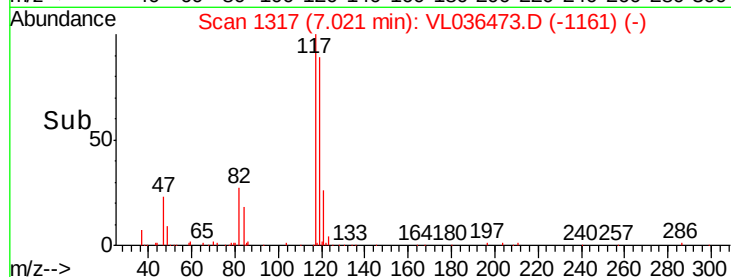
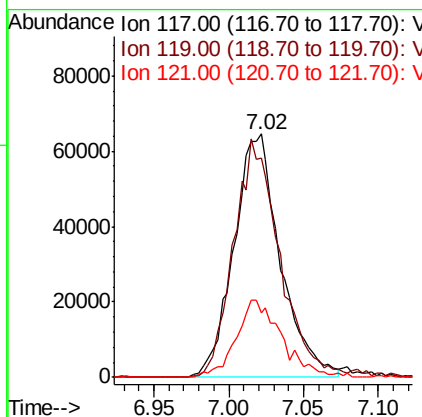
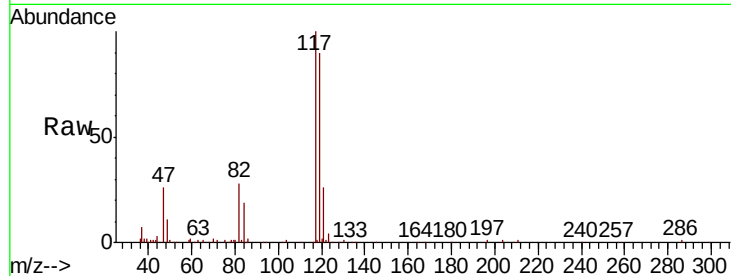


#35
Carbon Tetrachloride
Concen: 0.556 ppbv
RT: 7.02
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 25 Mar 2021 3:56

Tot Ion:1
Ion Rati
117 100
119 89.
121 26.

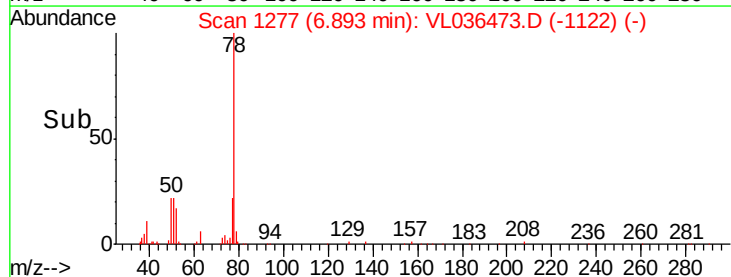
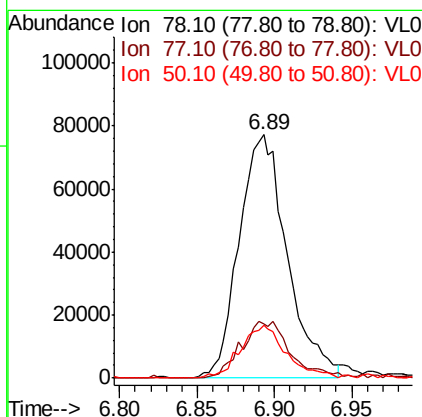
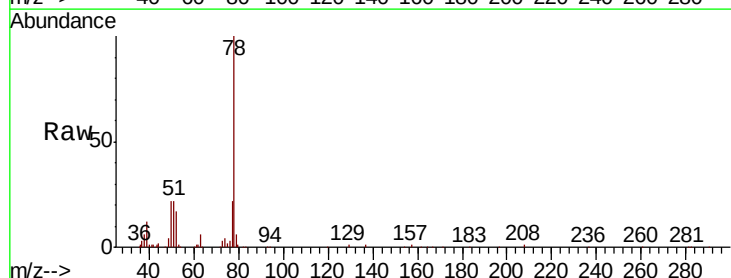
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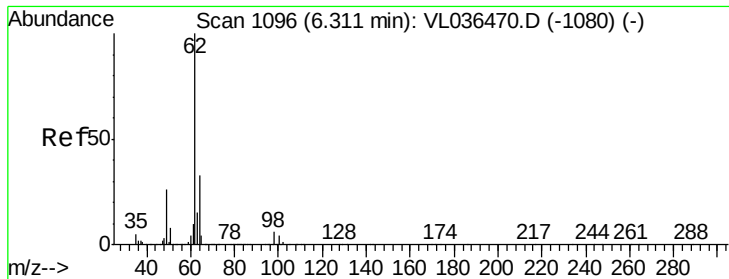
Reviewed By :Semsettin Yesilyurt 03/26/2021
Supervised By :Mahesh Dadoda 03/29/2021



#36
Benzene
Concen: 0.547 ppbv
RT: 6.89 min Scan# 1277
Delta R.T. -0.00 min
Lab File: VL036473.D
Acq: 25 Mar 2021 3:56

Tgt Ion: 78 Resp: 166673
Ion Ratio Lower Upper
78 100
77 22.3 18.0 27.0
50 21.6 16.5 24.7





#37

1,2-Dichloroethane

Concen: 0.527 ppbv

RT: 6.31 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 25 Mar 2021 3:56

Tot Ion:

Ion Ratio

62 100

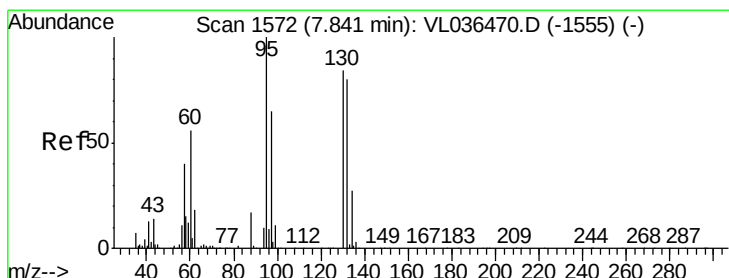
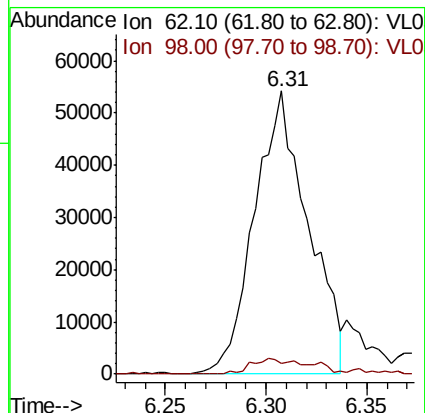
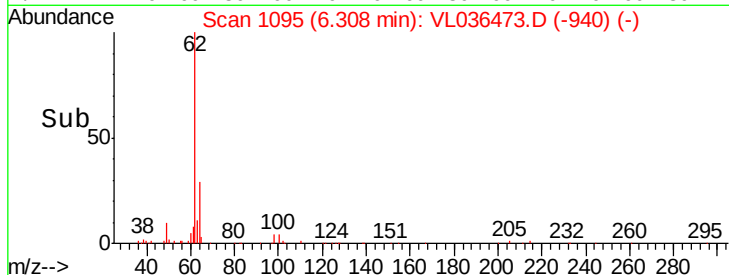
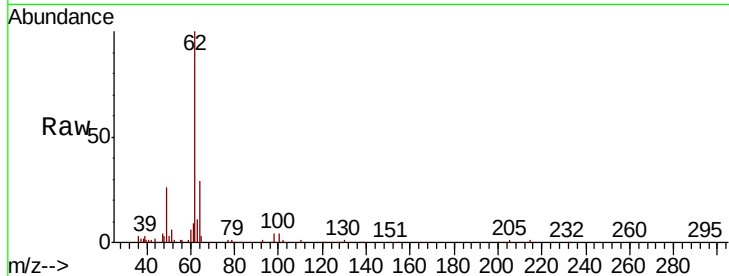
98 7.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/26/2021

Supervised By :Mahesh Dadoda 03/29/2021



#38

Trichloroethene

Concen: 0.559 ppbv m

RT: 7.83 min Scan# 1569

Delta R.T. -0.01 min

Lab File: VL036473.D

Acq: 25 Mar 2021 3:56

Tgt Ion:130 Resp: 63999

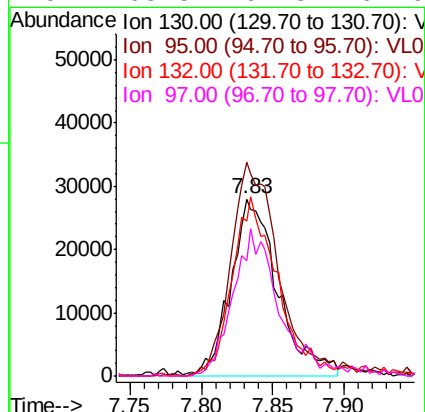
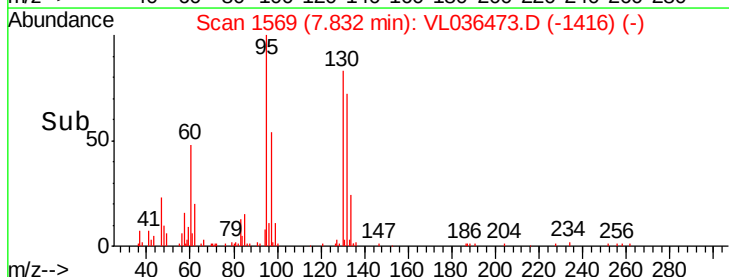
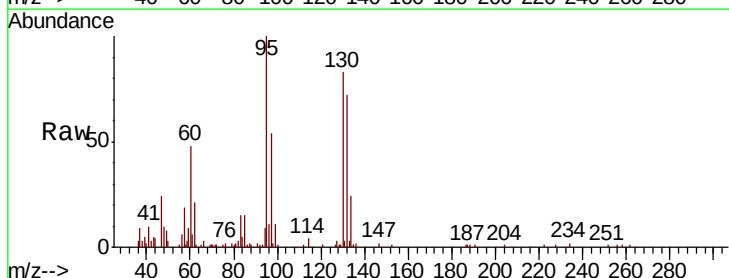
Ion Ratio Lower Upper

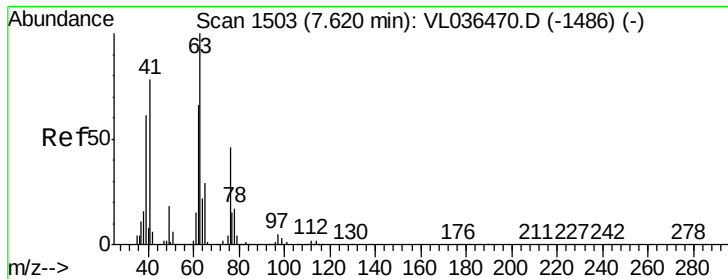
130 100

95 120.9 95.7 143.5

132 87.6 76.2 114.4

97 65.5 61.8 92.6



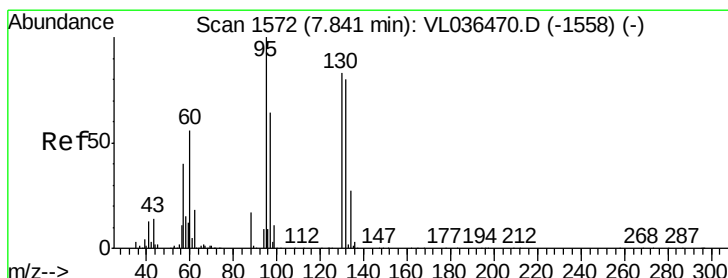
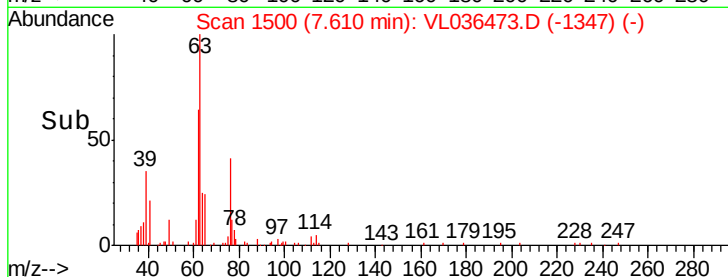
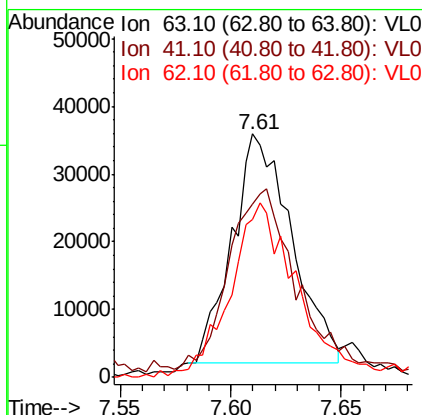
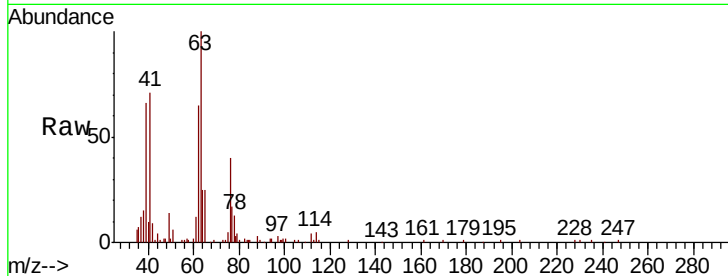


#39
 1,2-Dichloropropane
 Concen: 0.488 ppbv
 RT: 7.61
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 25 Mar 2021 3:50

Tot Ion:
 Ion Ratio
 63 100
 41 66.
 62 65.

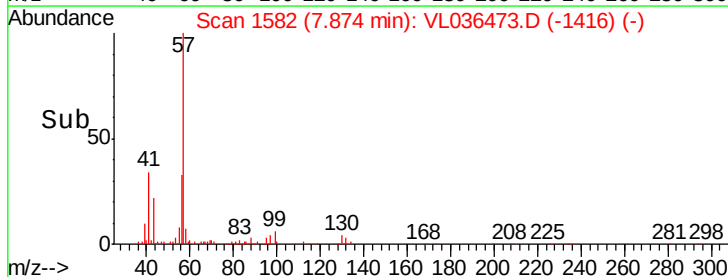
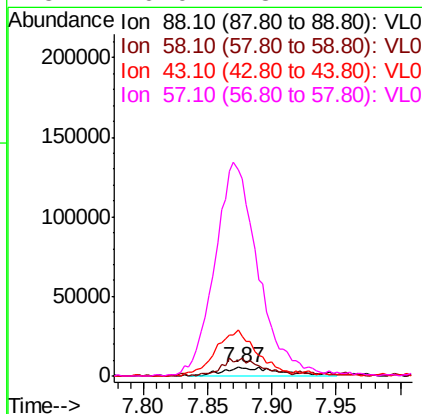
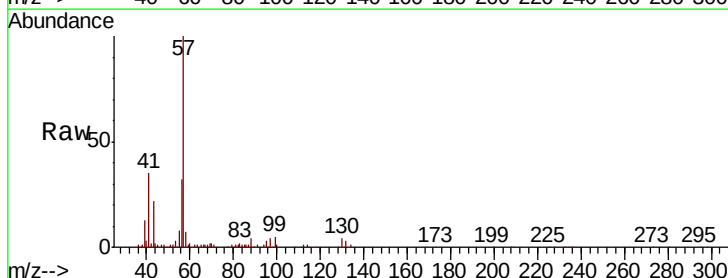
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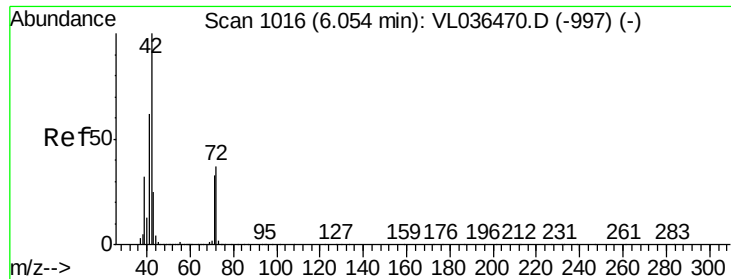
Reviewed By :Semsettin Yesilyurt 03/26/2021
 Supervised By :Mahesh Dadoda 03/29/2021



#40
 1,4-Dioxane
 Concen: 0.440 ppbv m
 RT: 7.87 min Scan# 1582
 Delta R.T. 0.03 min
 Lab File: VL036473.D
 Acq: 25 Mar 2021 3:56

Tgt Ion: 88 Resp: 17498
 Ion Ratio Lower Upper
 88 100
 58 0.0 135.3 202.9#
 43 0.0 347.4 521.0#
 57 0.0 1481.4 2222.0#





#41

Tetrahydrofuran

Concen: 0.313 ppbv m

RT: 6.08 Instrument :

Delta R.T. MSVOA_L

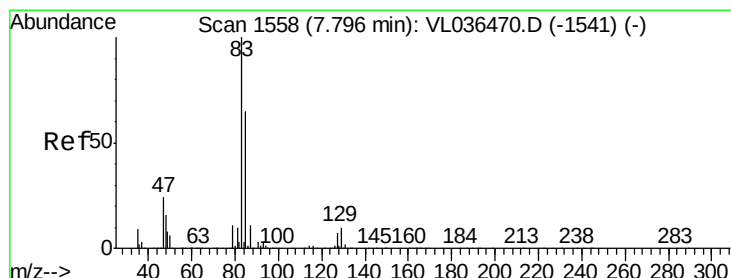
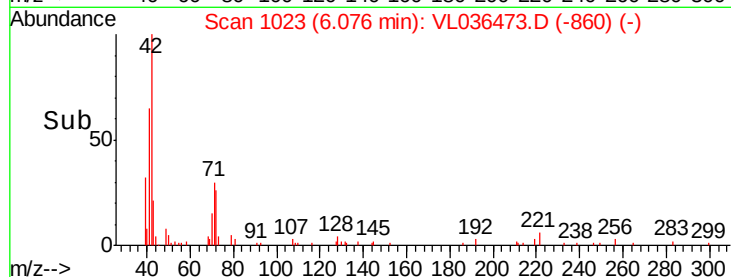
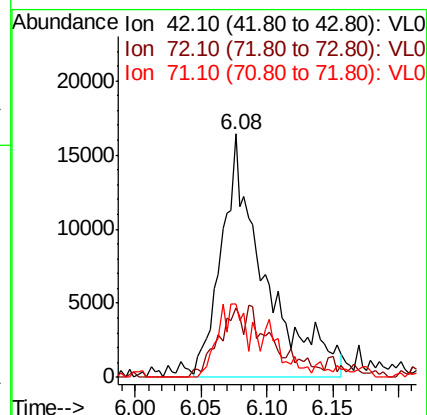
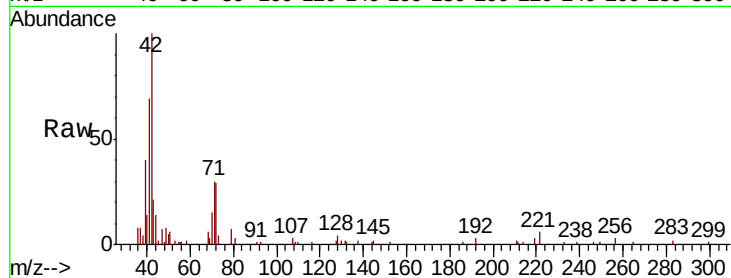
Lab File: ClientSampleId :

Acq: 25 Mar 2021 3:56 VSTDIC0.5

Tot Ion:
Ion Rati
42 100
72 1.
71 36.

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Reviewed By :Semsettin Yesilyurt 03/26/2021
Supervised By :Mahesh Dadoda 03/29/2021



#42

Bromodichloromethane

Concen: 0.510 ppbv

RT: 7.79 min Scan# 1556

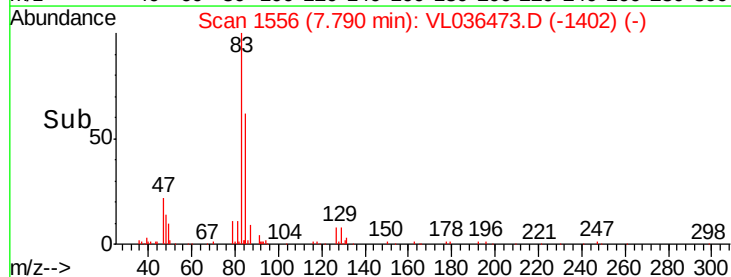
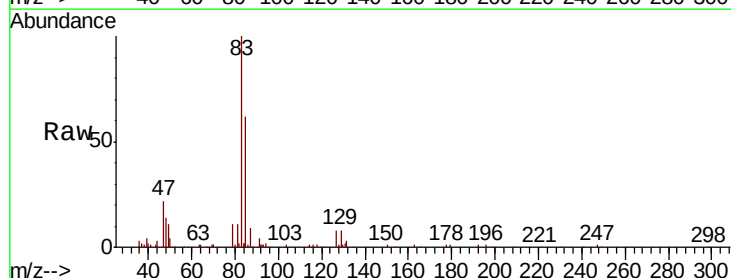
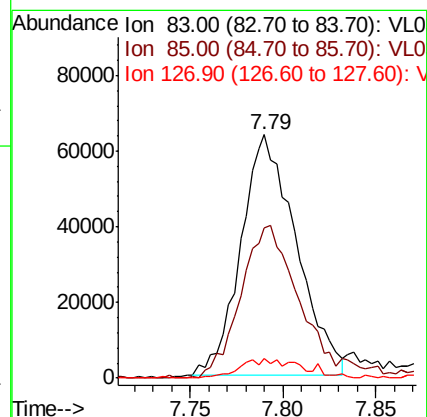
Delta R.T. -0.01 min

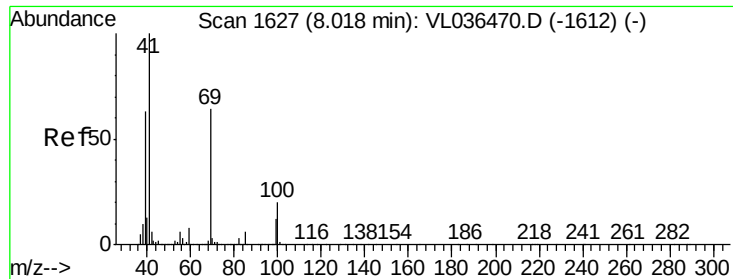
Lab File: VL036473.D

Acq: 25 Mar 2021 3:56

Tgt Ion: 83 Resp: 131370

Ion	Ratio	Lower	Upper
83	100		
85	61.4	51.8	77.6
127	7.6	5.8	8.8





#43

Methyl Methacrylate

Concen: 0.397 ppbv

RT: 8.02

Instrument: MSVOA_1

Delta R.T.:

Client Sample Id:

Lab File: VSTDIC0.5

Acq: 25 Mar 2021 3:56

Tot Ion:

Ion Ratio

69 100

41 174.

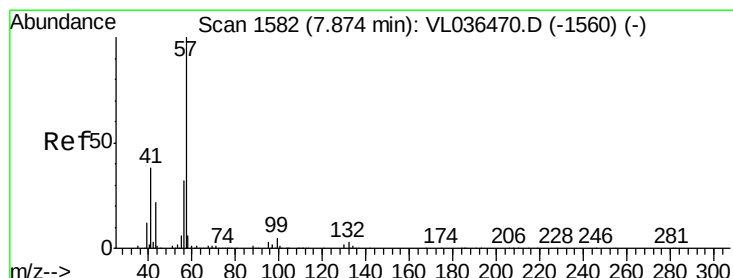
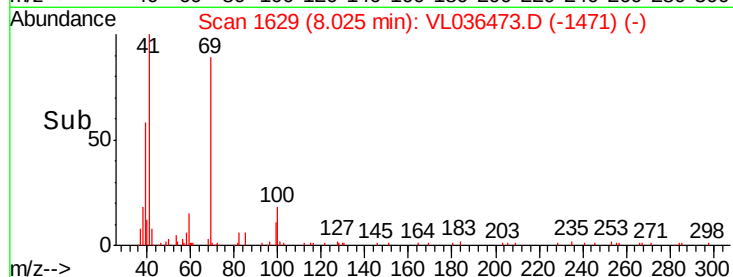
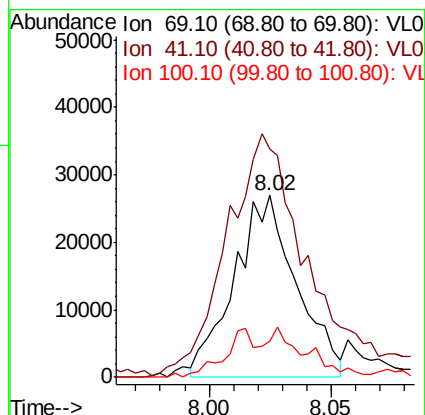
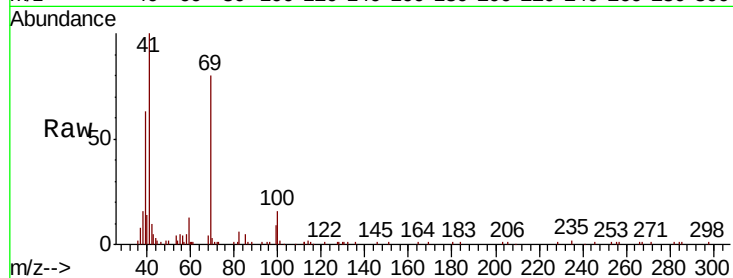
100 30.

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Reviewed By :Semsettin Yesilyurt 03/26/2021

Supervised By :Mahesh Dadoda 03/29/2021



#44

2,2,4-Trimethylpentane

Concen: 0.555 ppbv

RT: 7.87 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VL036473.D

Acq: 25 Mar 2021 3:56

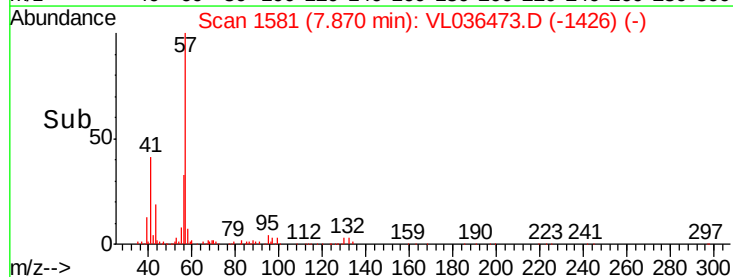
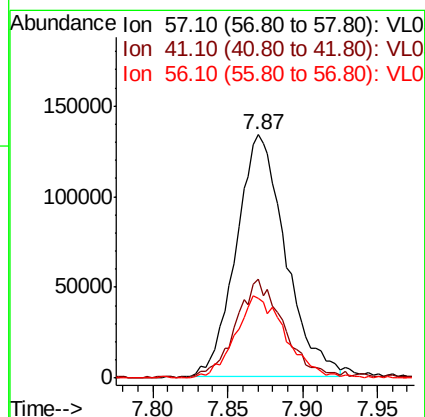
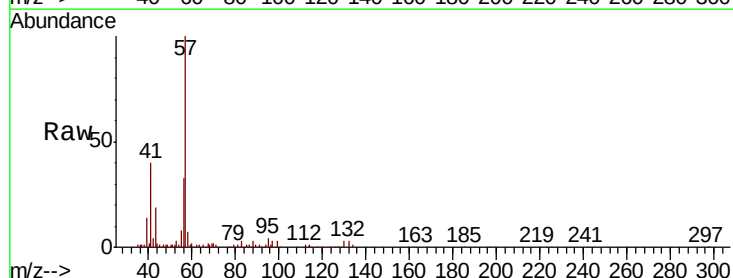
Tgt Ion: 57 Resp: 306657

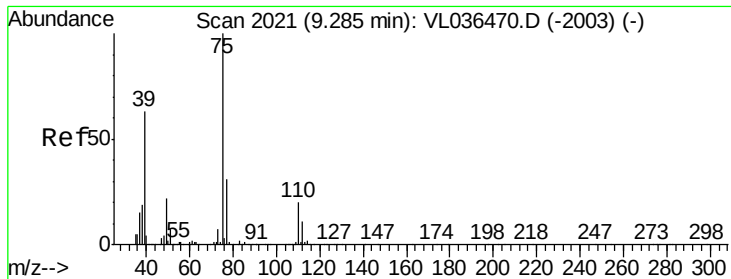
Ion Ratio Lower Upper

57 100

41 40.5 28.8 43.2

56 35.0 26.1 39.1





#45

t-1,3-Dichloropropene

Concen: 0.422 ppbv m

RT: 9.28 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 25 Mar 2021 3:50

Tot Ion:

Ion Ratio

75 100

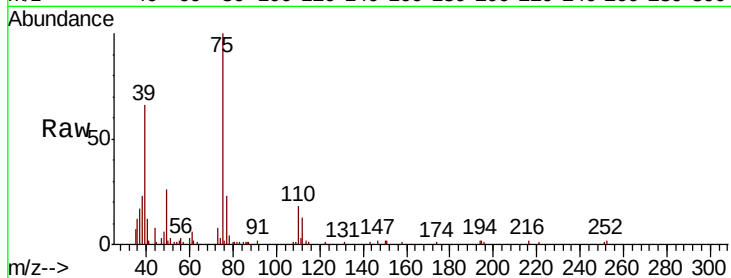
77 23.

Manual Integrations

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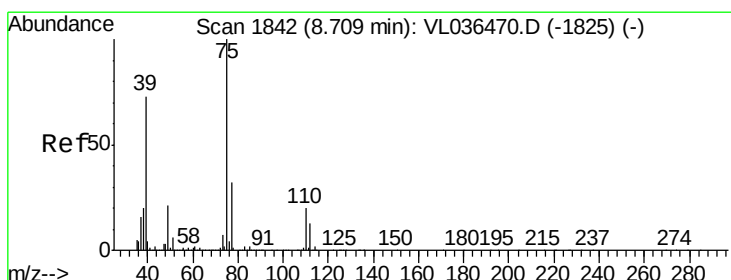
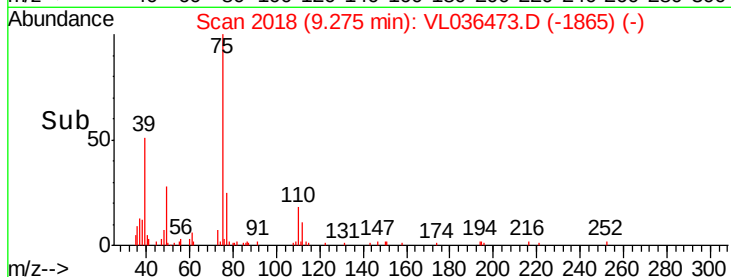
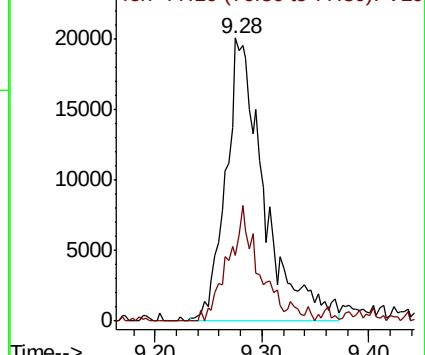
Reviewed By :Semsettin Yesilyurt 03/26/2021

Supervised By :Mahesh Dadoda 03/29/2021



Abundance Ion 75.10 (74.80 to 75.80): VL0

Ion 77.10 (76.80 to 77.80): VL0



#46

cis-1,3-Dichloropropene

Concen: 0.457 ppbv m

RT: 8.71 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VL036473.D

Acq: 25 Mar 2021 3:56

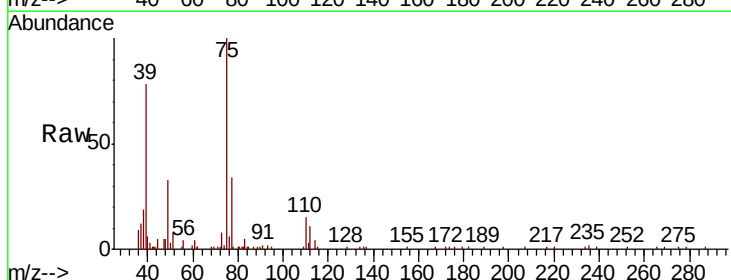
Tgt Ion: 75 Resp: 71025

Ion Ratio Lower Upper

75 100

39 78.5 58.2 87.2

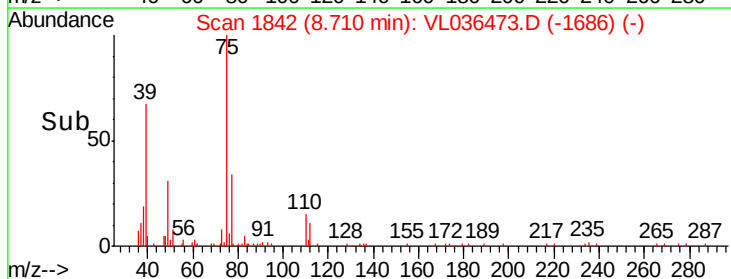
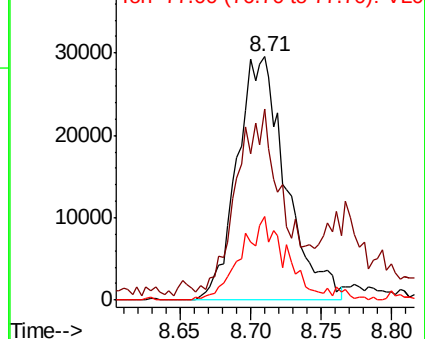
77 34.4 25.2 37.8

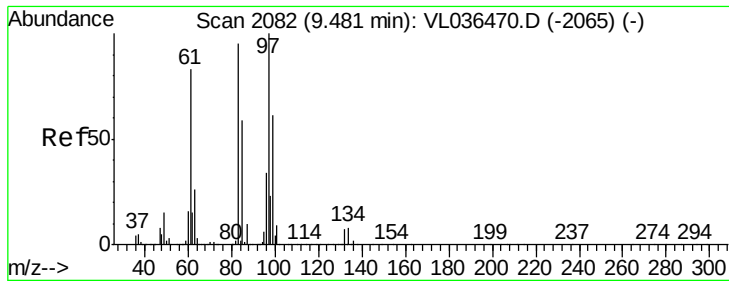


Abundance Ion 75.00 (74.70 to 75.70): VL0

Ion 39.00 (38.70 to 39.70): VL0

Ion 77.00 (76.70 to 77.70): VL0



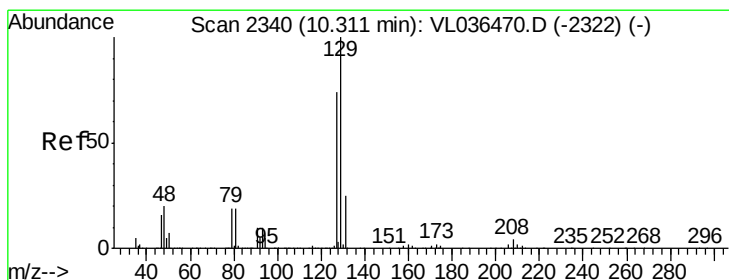
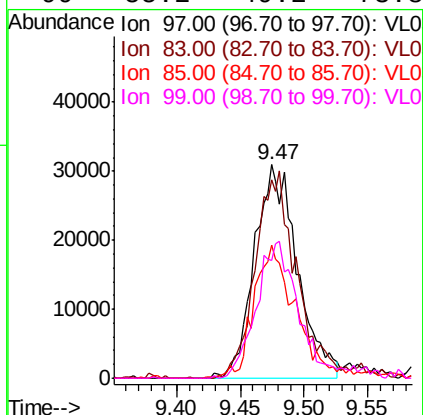
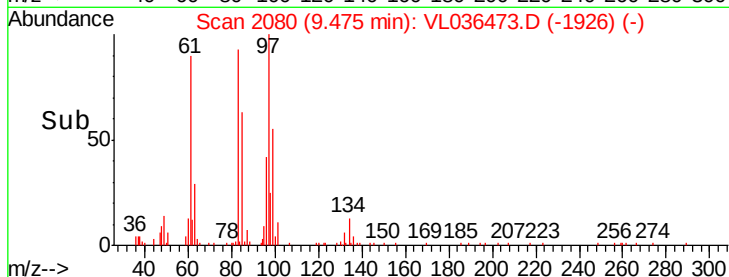
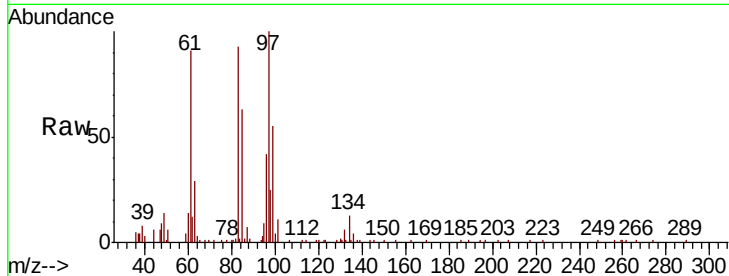


#47
 1,1,2-Trichloroethane
 Concen: 0.565 ppbv m
 RT: 9.47
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDIC0.5
 Acq: 25 Mar 2021 3:50

Tot Ion:
 Ion Ratio
 97 100
 83 93.
 85 62.
 99 55.2 49.2 73.8

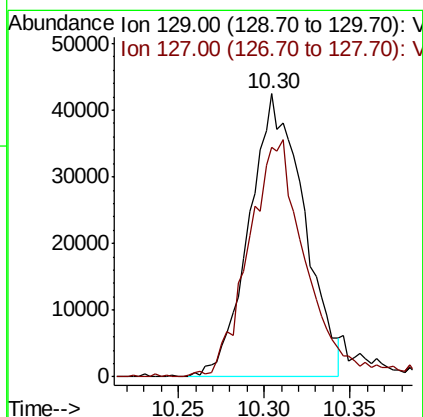
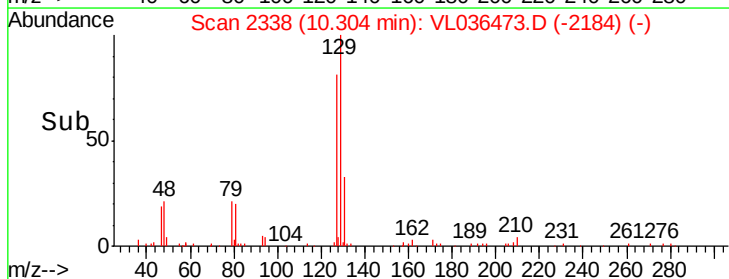
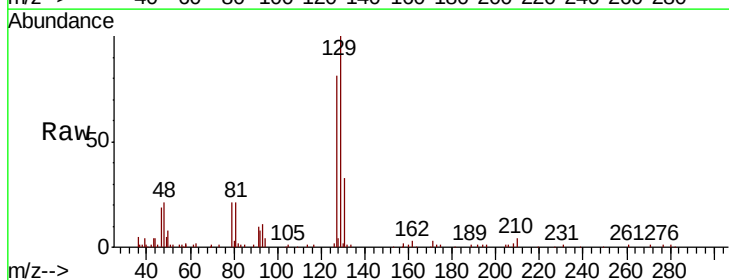
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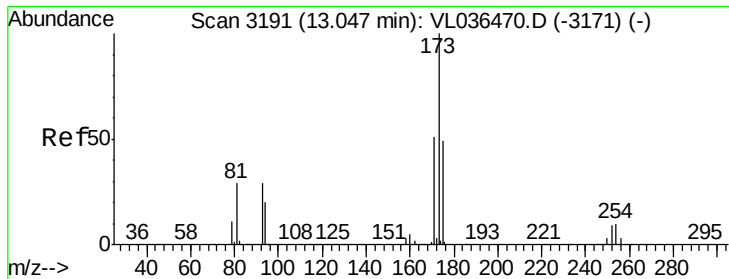
Reviewed By :Semsettin Yesilyurt 03/26/2021
 Supervised By :Mahesh Dadoda 03/29/2021



#48
 Dibromochloromethane
 Concen: 0.479 ppbv
 RT: 10.30 min Scan# 2338
 Delta R.T. -0.01 min
 Lab File: VL036473.D
 Acq: 25 Mar 2021 3:56

Tgt Ion:129 Resp: 93635
 Ion Ratio Lower Upper
 129 100
 127 90.6 39.6 118.8





#49

Bromoform

Concen: 0.477 ppbv m

RT: 13.04

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 25 Mar 2021 3:50

Tot Ion:1

Ion Ratio

173 100

175 48.

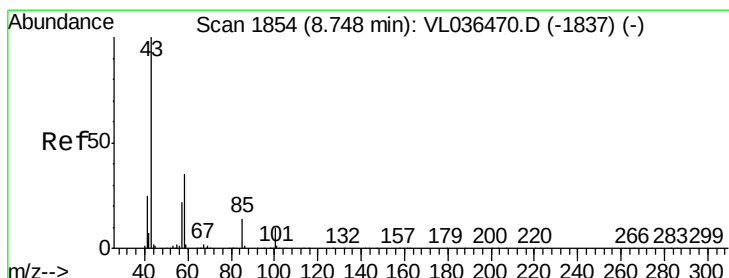
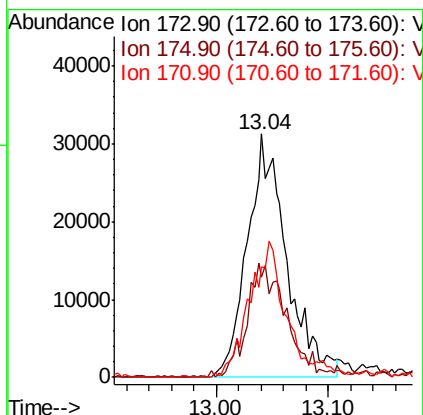
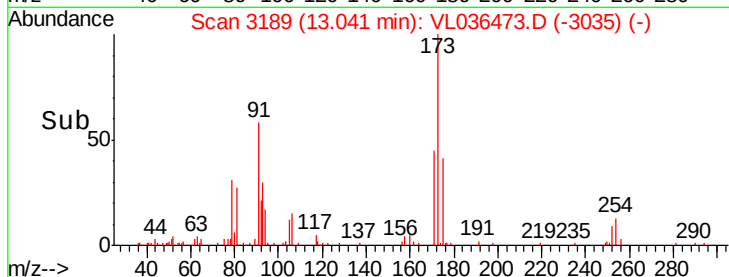
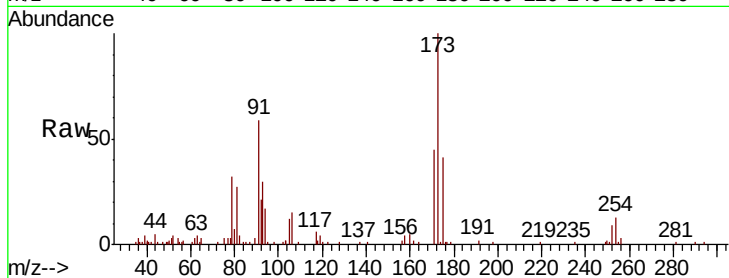
171 0.

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Reviewed By :Semsettin Yesilyurt 03/26/2021

Supervised By :Mahesh Dadoda 03/29/2021



#50

4-Methyl-2-Pentanone

Concen: 0.377 ppbv m

RT: 8.76 min Scan# 1858

Delta R.T. 0.01 min

Lab File: VL036473.D

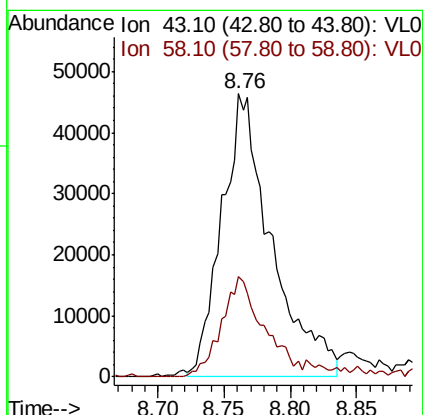
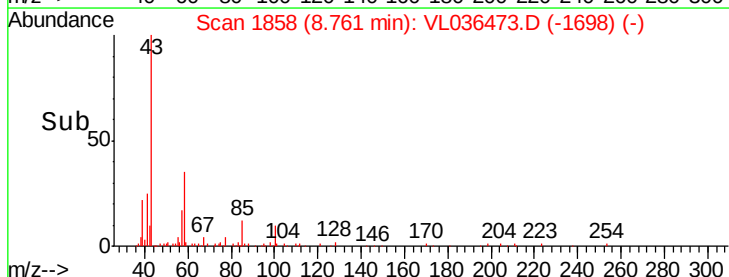
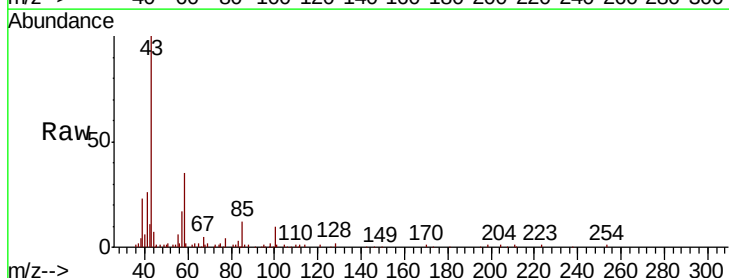
Acq: 25 Mar 2021 3:56

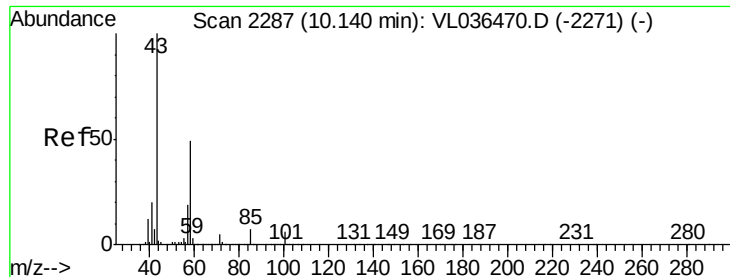
Tgt Ion: 43 Resp: 121392

Ion Ratio Lower Upper

43 100

58 32.0 28.1 42.1



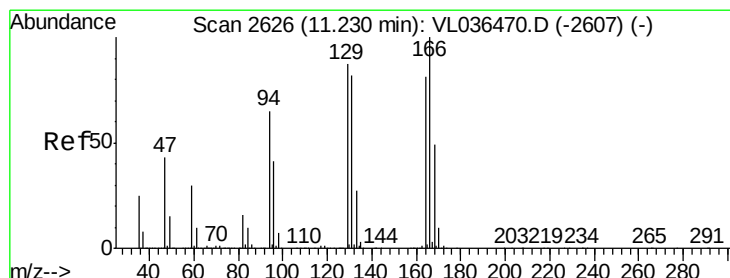
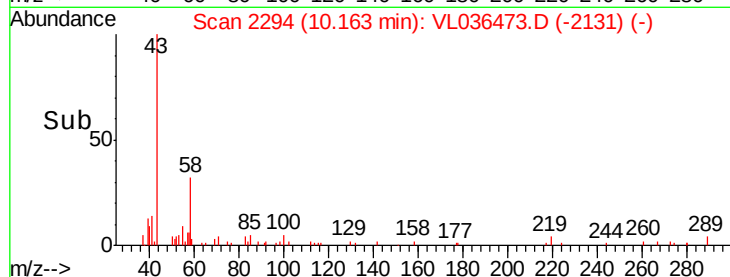
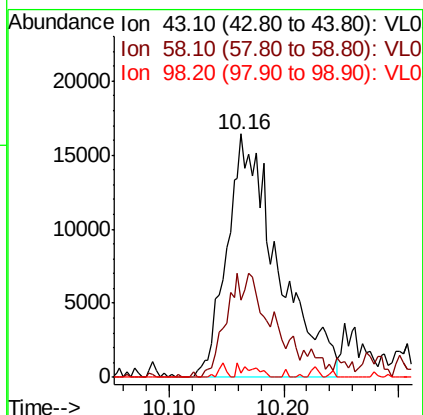
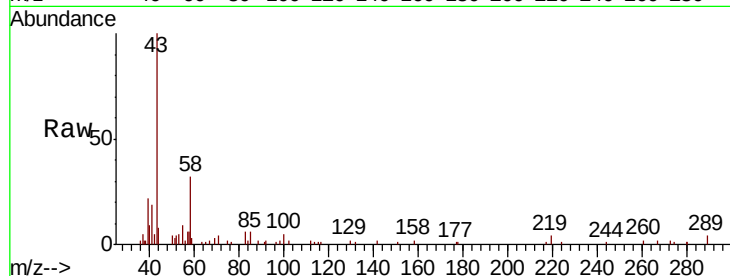


#51
2-Hexanone
Concen: 0.222 ppbv m
RT: 10.16
Delta R.T. MSVOA_L
Lab File: ClientSampled :
Acq: 25 Mar 2021 3:50

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

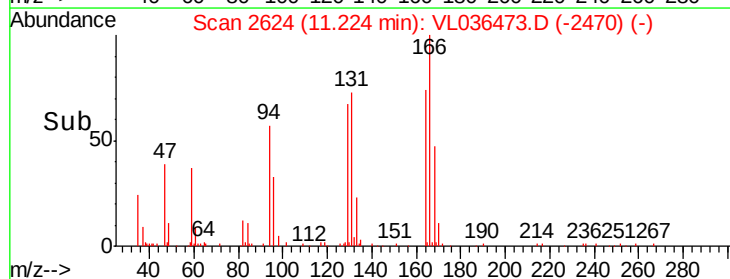
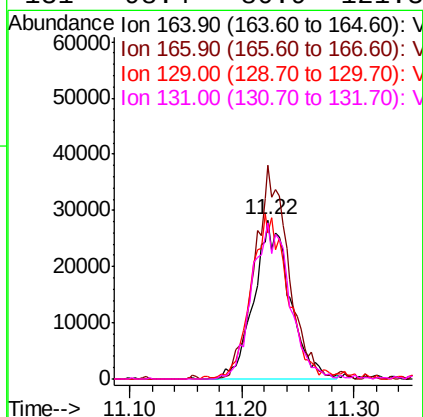
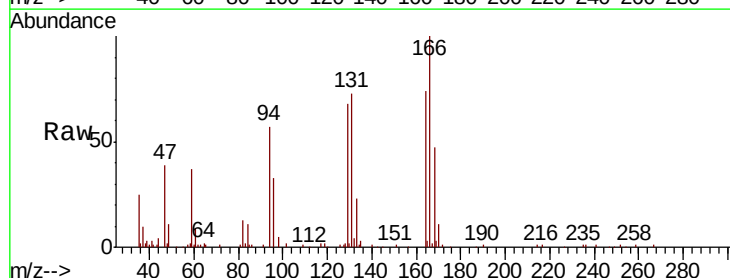
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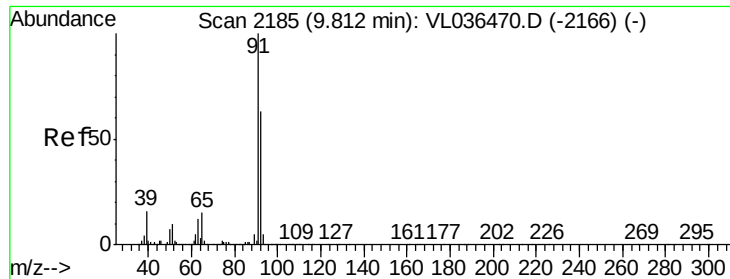
Reviewed By :Semsettin Yesilyurt 03/26/2021
Supervised By :Mahesh Dadoda 03/29/2021



#52
Tetrachloroethene
Concen: 0.550 ppbv m
RT: 11.22 min Scan# 2624
Delta R.T. -0.01 min
Lab File: VL036473.D
Acq: 25 Mar 2021 3:56

Tgt Ion:164 Resp: 62449
Ion Ratio Lower Upper
164 100
166 134.4 98.3 147.5
129 91.8 85.8 128.8
131 98.4 80.9 121.3





#53

Toluene

Concen: 0.480 ppbv

RT: 9.81 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 25 Mar 2021 3:50

Tot Ion:

Ion Ratio

91 100

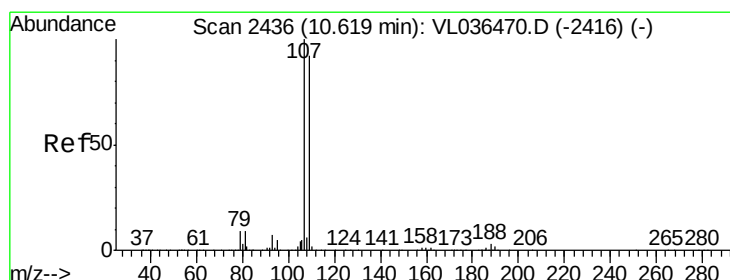
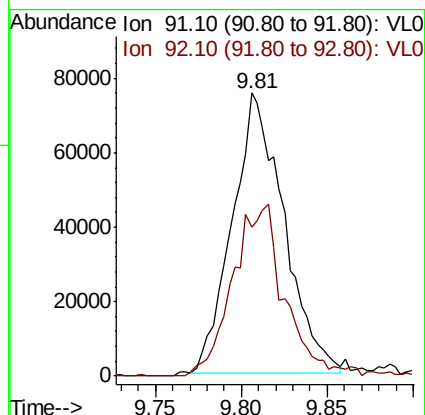
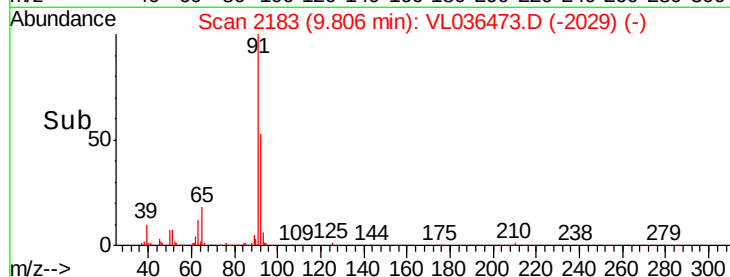
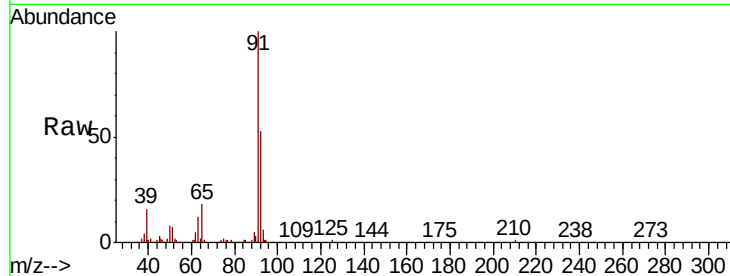
92 62.

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Reviewed By :Semsettin Yesilyurt 03/26/2021

Supervised By :Mahesh Dadoda 03/29/2021



#54

1,2-Dibromoethane

Concen: 0.508 ppbv

RT: 10.61 min Scan# 2434

Delta R.T. -0.01 min

Lab File: VL036473.D

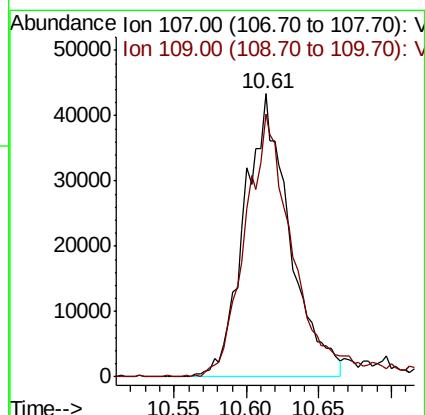
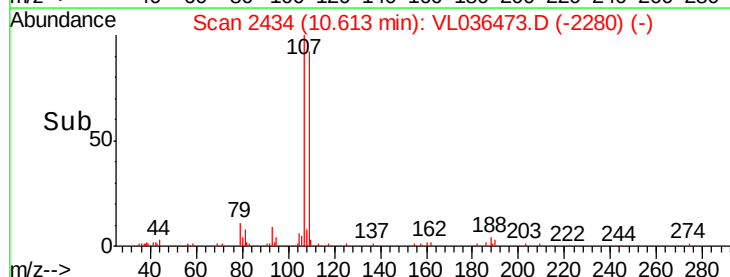
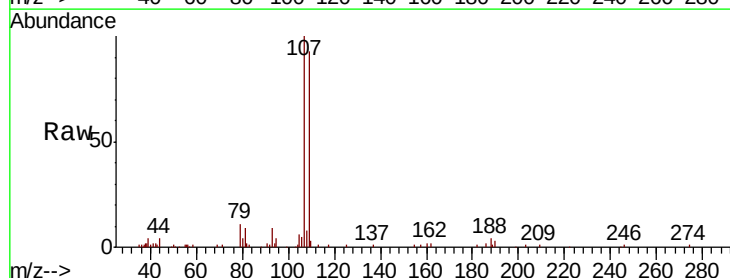
Acq: 25 Mar 2021 3:56

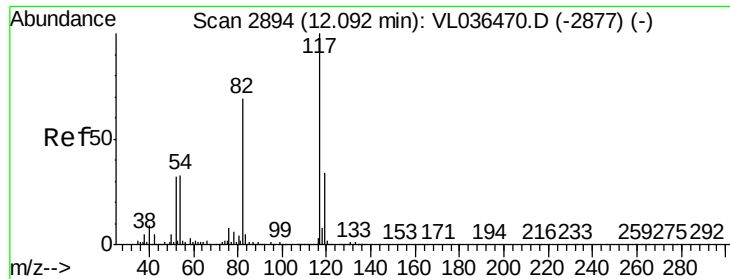
Tgt Ion:107 Resp: 94021

Ion Ratio Lower Upper

107 100

109 92.7 73.9 110.9



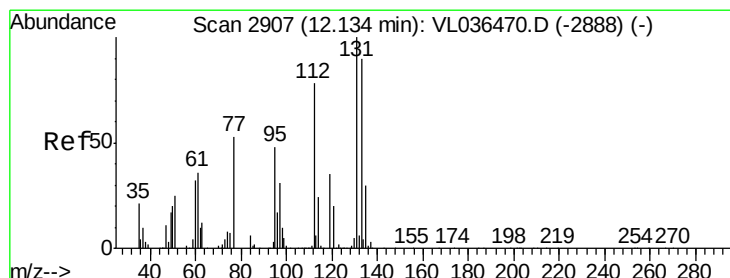
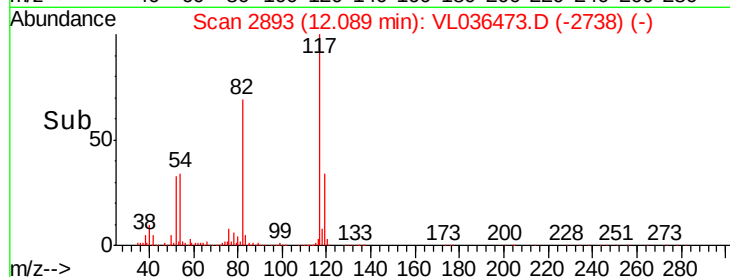
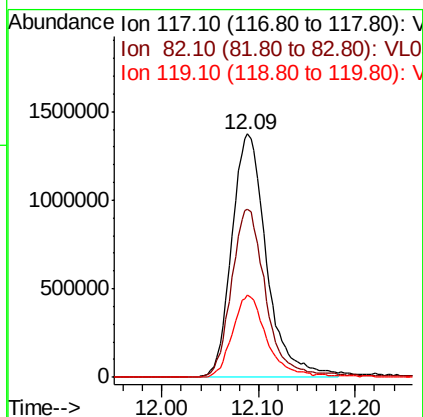
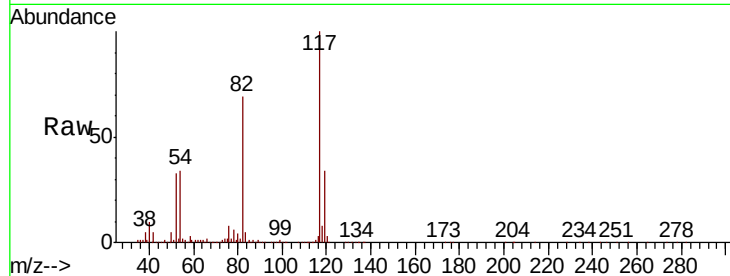


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 25 Mar 2021 3:50

Tot Ion: 1
Ion Ratio
117 100
82 69.
119 34.

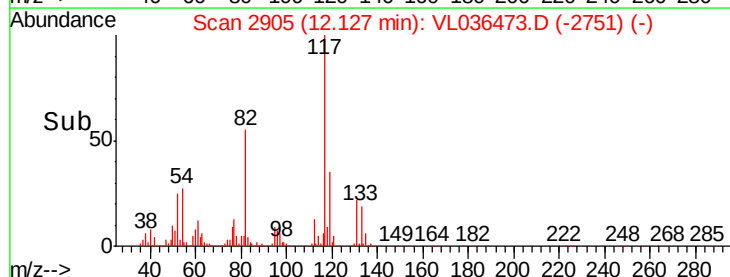
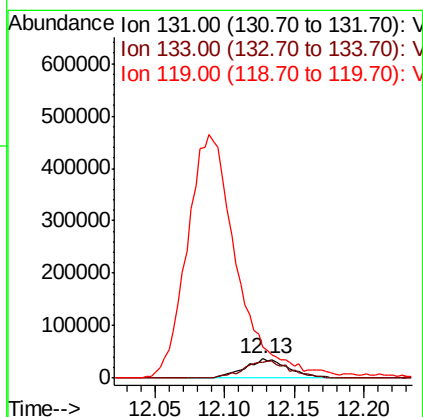
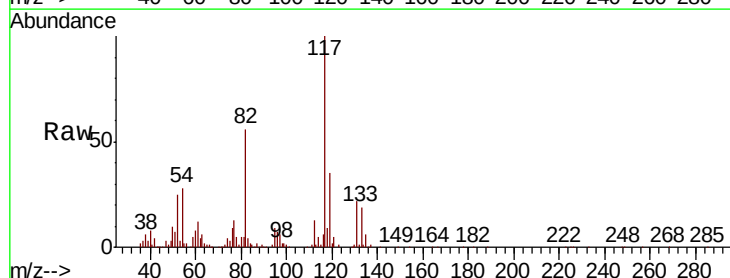
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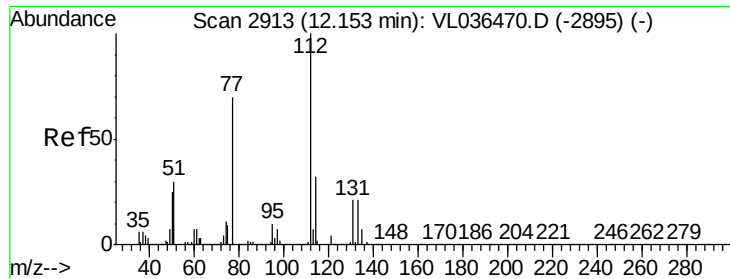
Reviewed By : Semsettin Yesilyurt 03/26/2021
Supervised By : Mahesh Dadoda 03/29/2021



#56
1,1,1,2-Tetrachloroethane
Concen: 0.522 ppbv m
RT: 12.13 min Scan# 2905
Delta R.T.: -0.01 min
Lab File: VL036473.D
Acq: 25 Mar 2021 3:56

Tgt Ion: 131 Resp: 80245
Ion Ratio Lower Upper
131 100
133 0.0 76.0 114.0#
119 0.0 44.9 67.3#





#57

Chlorobenzene

Concen: 0.605 ppbv m

RT: 12.15

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 25 Mar 2021 3:56

Tot Ion:1

Ion Rati

112 100

77 65.

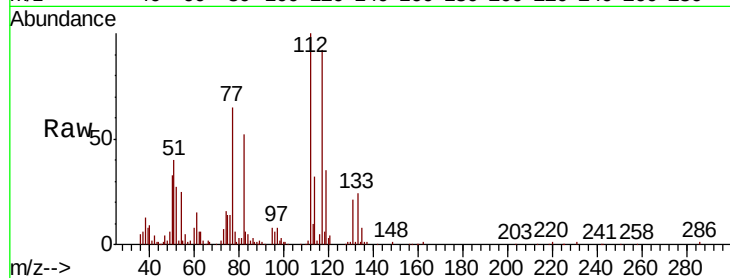
114 32.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/26/2021

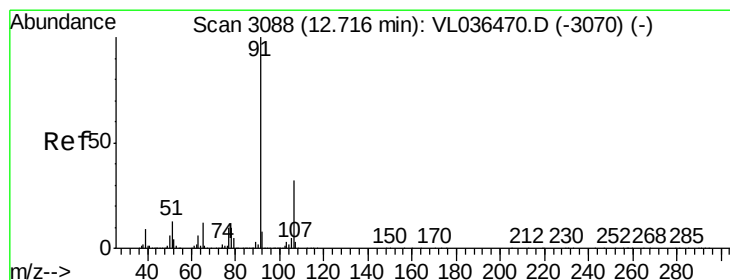
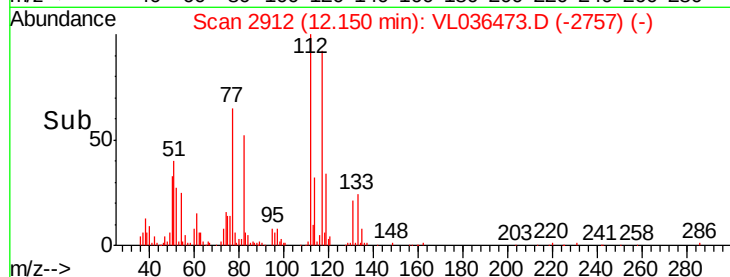
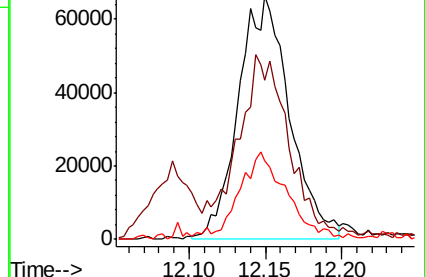
Supervised By :Mahesh Dadoda 03/29/2021



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: 0.520 ppbv

RT: 12.72 min Scan# 3088

Delta R.T. 0.00 min

Lab File: VL036473.D

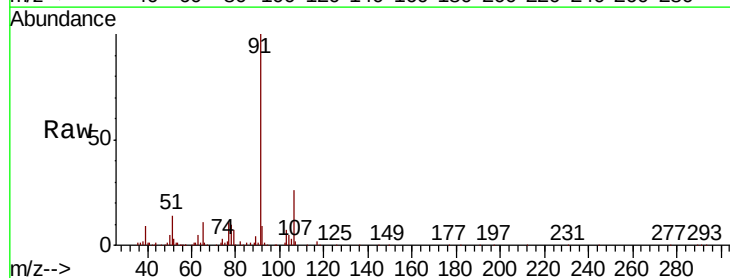
Acq: 25 Mar 2021 3:56

Tgt Ion: 91 Resp: 229482

Ion Ratio Lower Upper

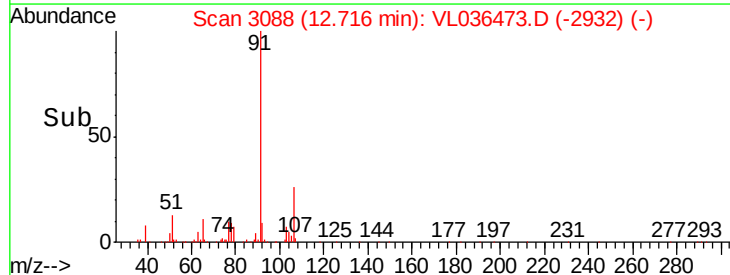
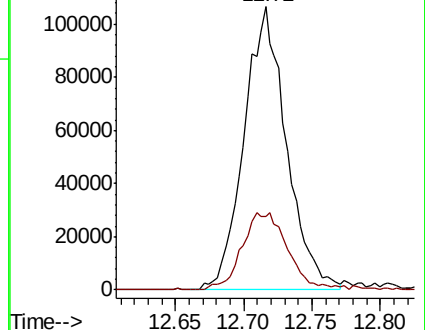
91 100

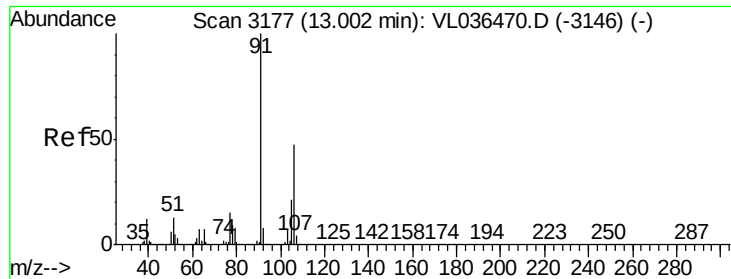
106 26.1 25.3 37.9



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V



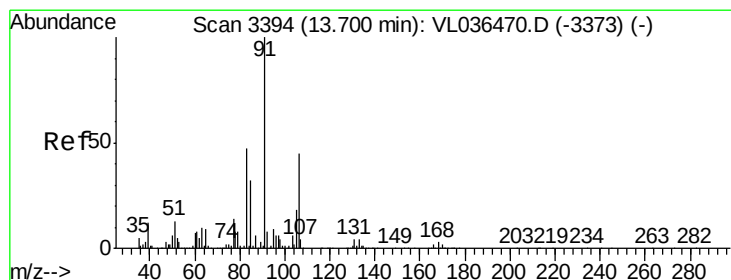
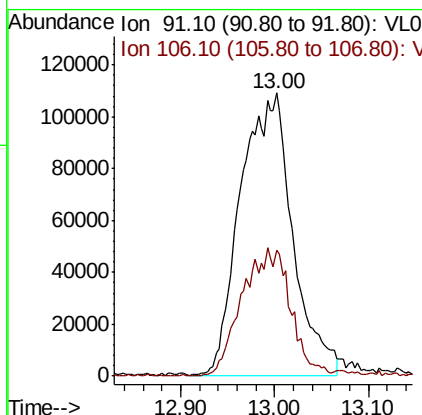
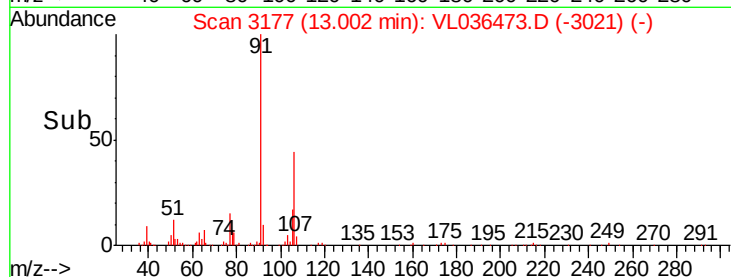
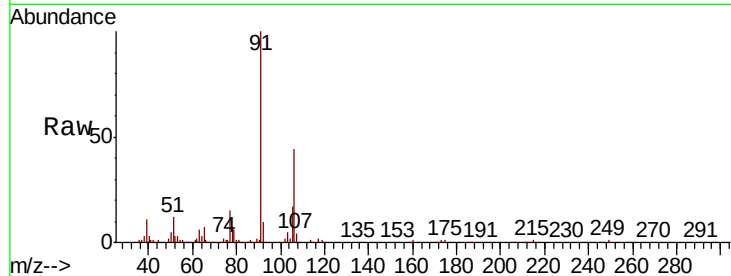


#59
m/p-Xylene
Concen: 1.087 ppbv m
RT: 13.00
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampled:
Acq: 25 Mar 2021 3:50

Tot Ion:
Ion Ratio
91 100
106 0.

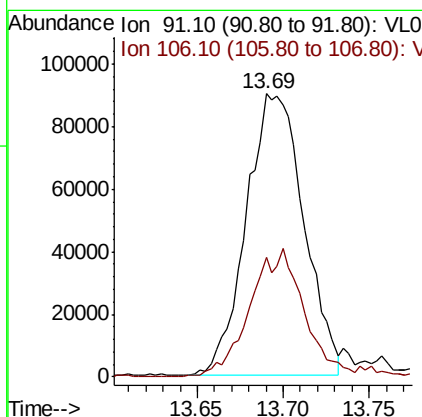
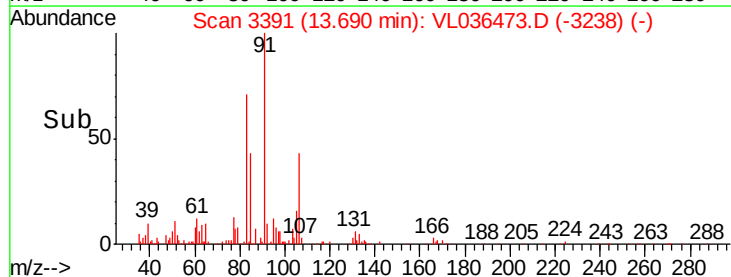
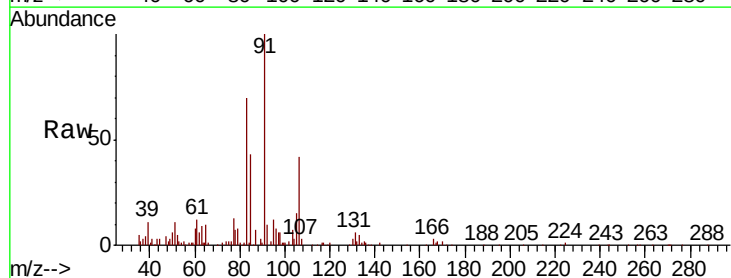
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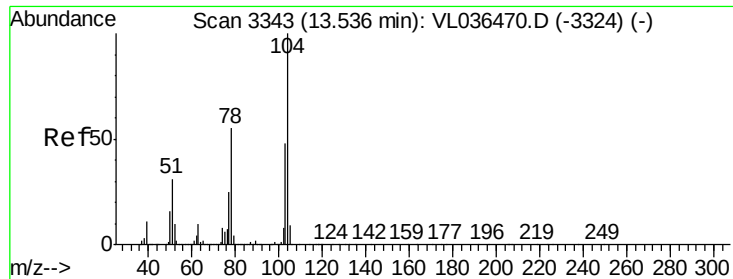
Reviewed By :Semsettin Yesilyurt 03/26/2021
Supervised By :Mahesh Dadoda 03/29/2021



#60
o-Xylene
Concen: 0.559 ppbv
RT: 13.69 min Scan# 3391
Delta R.T. -0.01 min
Lab File: VL036473.D
Acq: 25 Mar 2021 3:56

Tgt Ion: 91 Resp: 208182
Ion Ratio Lower Upper
91 100
106 45.2 22.3 66.9





#61

Stvrene

Concen: 0.365 ppbv m

RT: 13.53

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 25 Mar 2021 3:50

Tot Ion:1

Ion Rati

104 100

78 57.

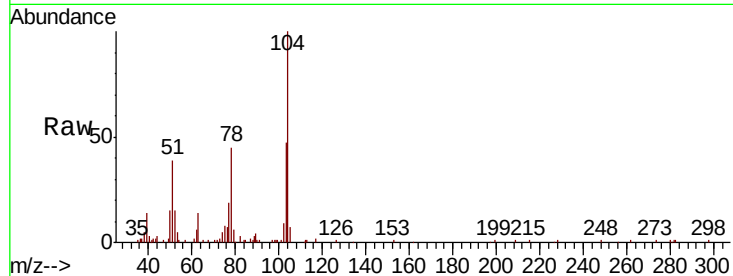
103 51.

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Reviewed By :Semsettin Yesilyurt 03/26/2021

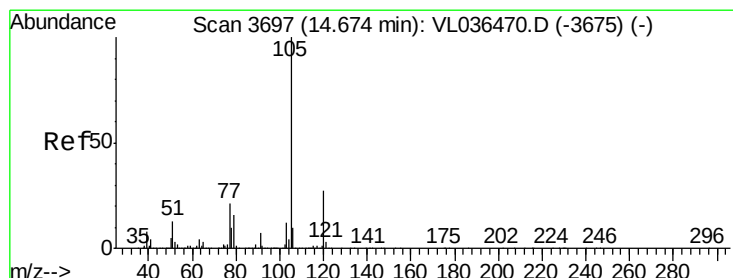
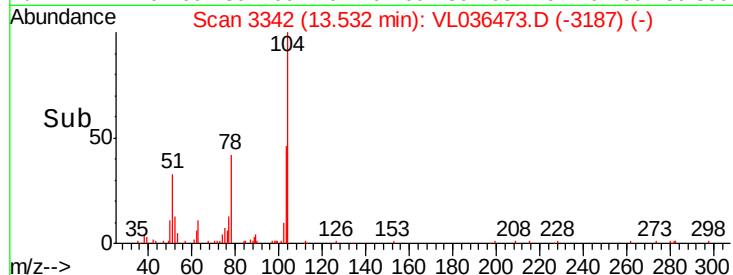
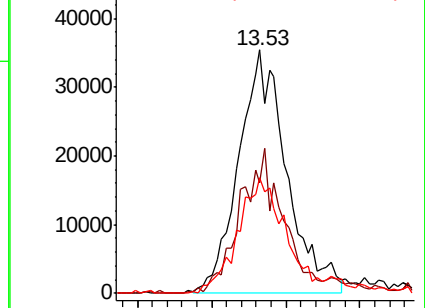
Supervised By :Mahesh Dadoda 03/29/2021



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VL0

Ion 103.10 (102.80 to 103.80): V



#62

Isopropylbenzene

Concen: 0.513 ppbv

RT: 14.67 min Scan# 3697

Delta R.T. 0.00 min

Lab File: VL036473.D

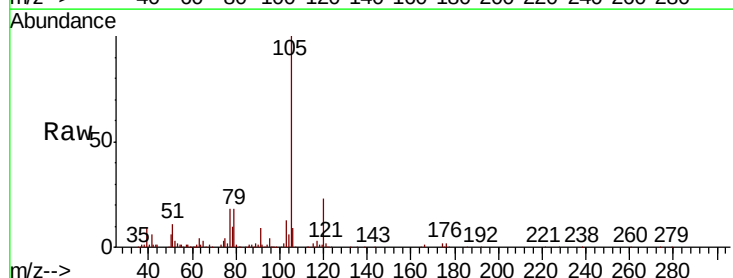
Acq: 25 Mar 2021 3:56

Tgt Ion:105 Resp: 283201

Ion Ratio Lower Upper

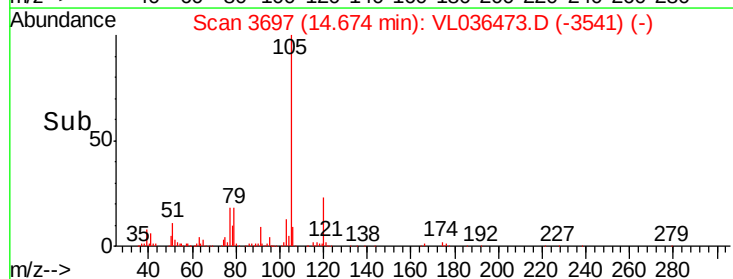
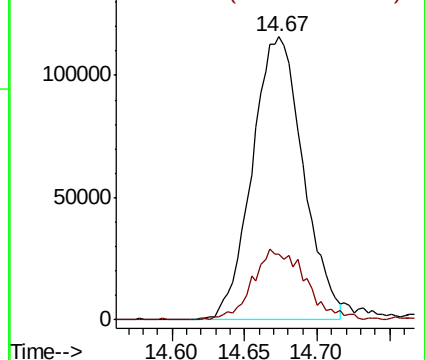
105 100

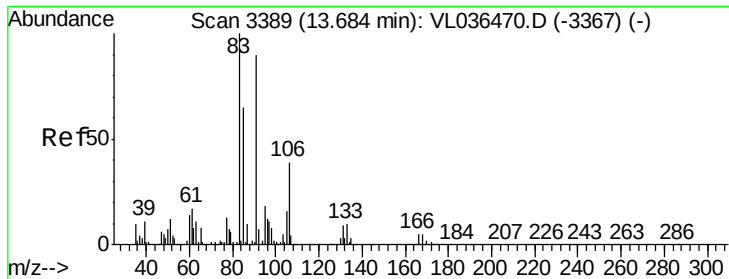
120 25.9 20.6 31.0



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V



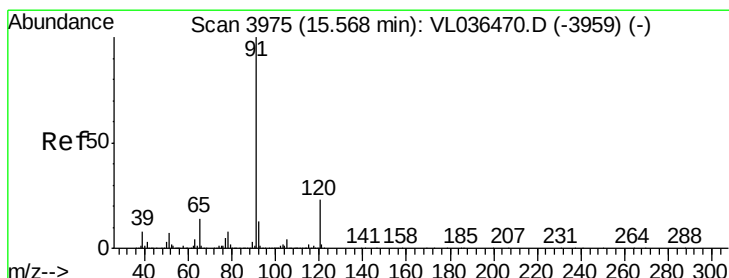
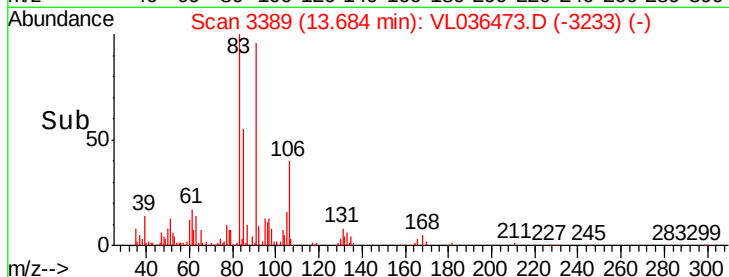
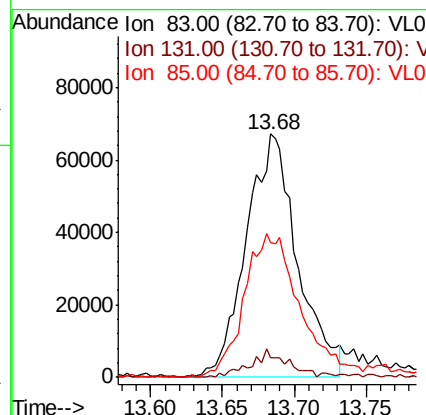
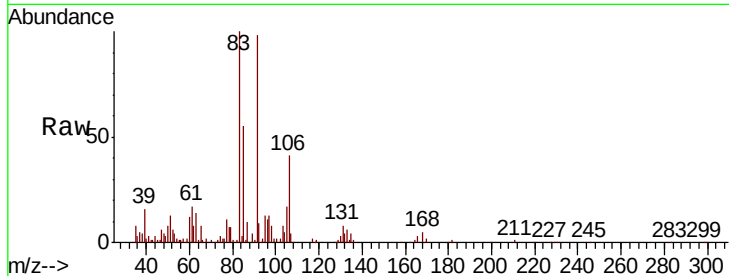


#63
 1,1,2,2-Tetrachloroethane
 Concen: 0.579 ppbv m
 RT: 13.68 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDIC0.5
 Acq: 25 Mar 2021 3:50

Tot Ion:
 Ion Ratio
 83 100
 131 9.
 85 67.

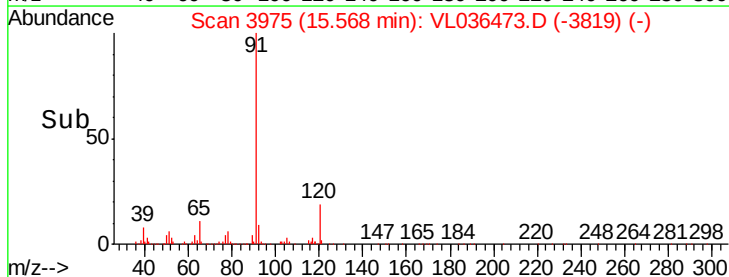
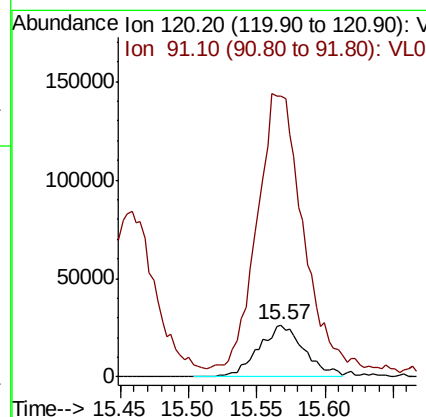
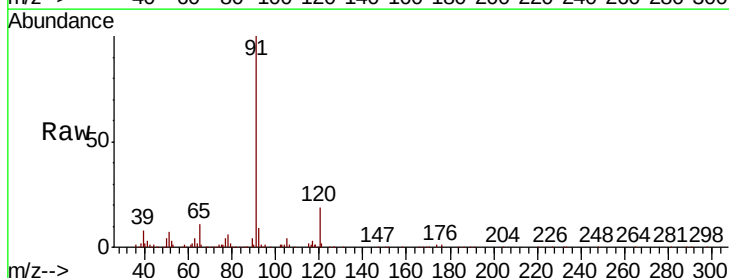
Manual Integrations
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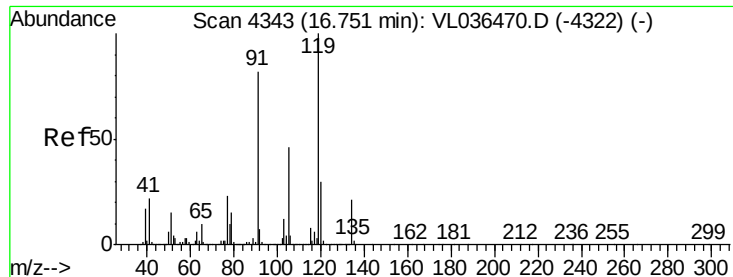
Reviewed By :Semsettin Yesilyurt 03/26/2021
 Supervised By :Mahesh Dadoda 03/29/2021



#64
 n-propylbenzene
 Concen: 0.445 ppbv m
 RT: 15.57 min Scan# 3975
 Delta R.T. 0.00 min
 Lab File: VL036473.D
 Acq: 25 Mar 2021 3:56

Tgt Ion:120 Resp: 61088
 Ion Ratio Lower Upper
 120 100
 91 577.3 377.8 566.6#



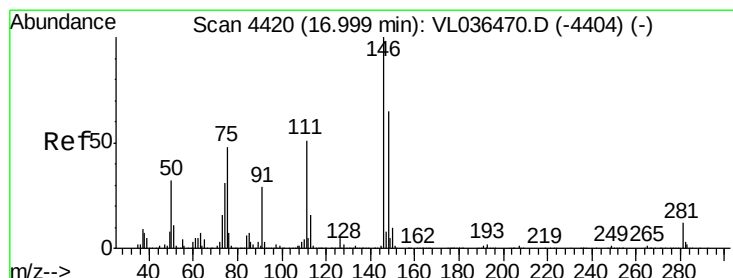
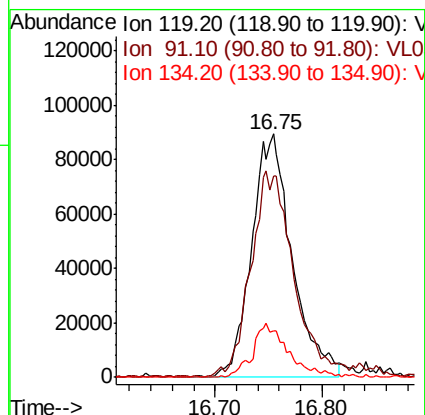
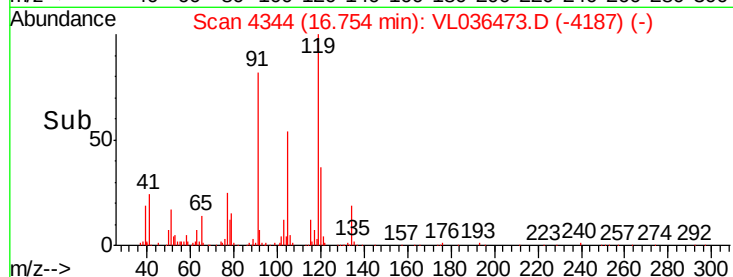
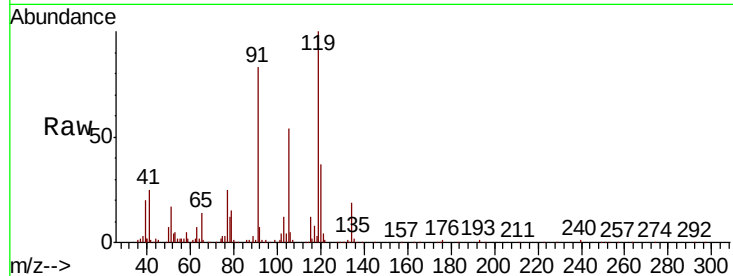


#65
tert-Butylbenzene
Concen: 0.490 ppbv m
RT: 16.75 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 25 Mar 2021 3:50

Tot Ion: 1
Ion Ratio
119 100
91 90.
134 19.

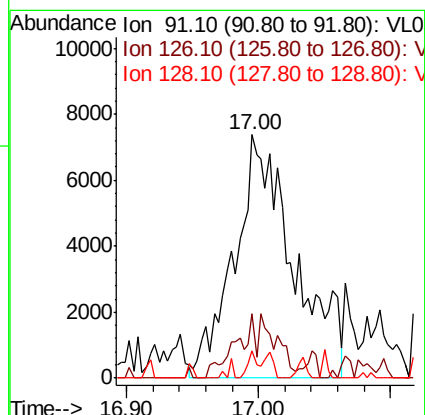
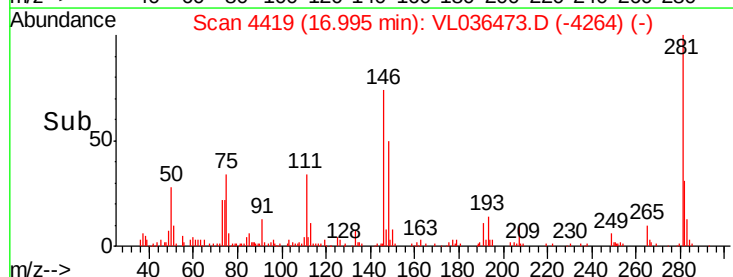
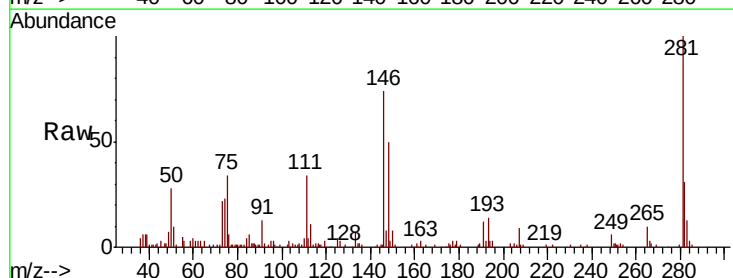
Manual Integrations
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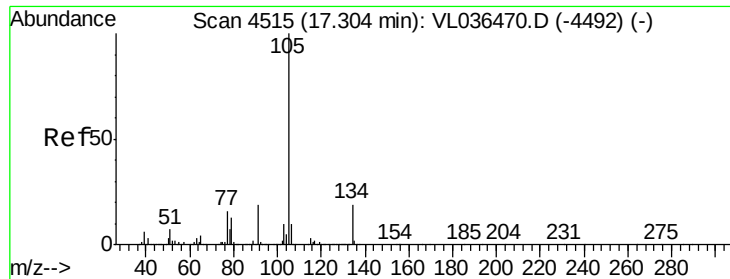
Reviewed By : Semsettin Yesilyurt 03/26/2021
Supervised By : Mahesh Dadoda 03/29/2021



#66
Benzyl Chloride
Concen: 0.206 ppbv m
RT: 17.00 min Scan# 4419
Delta R.T.: -0.00 min
Lab File: VL036473.D
Acq: 25 Mar 2021 3:56

Tgt Ion: 91 Resp: 23065
Ion Ratio Lower Upper
91 100
126 17.3 13.5 20.3
128 3.8 4.2 6.2#





#67

sec-Butylbenzene

Concen: 0.514 ppbv m

RT: 17.30

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 25 Mar 2021 3:56

Tot Ion:1

Ion Ratio

105 100

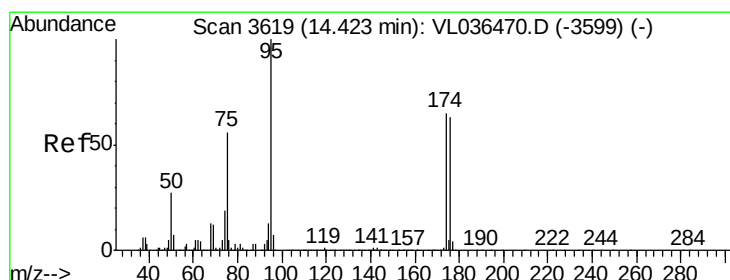
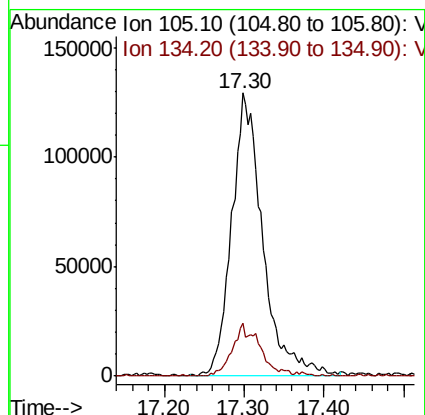
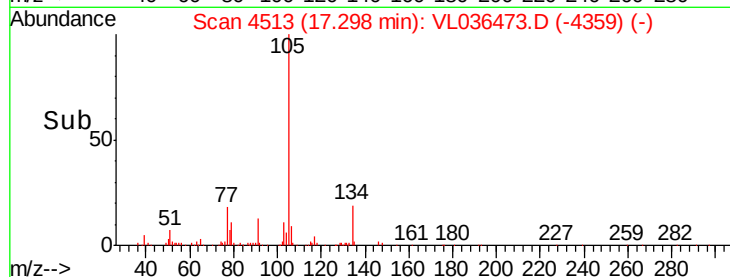
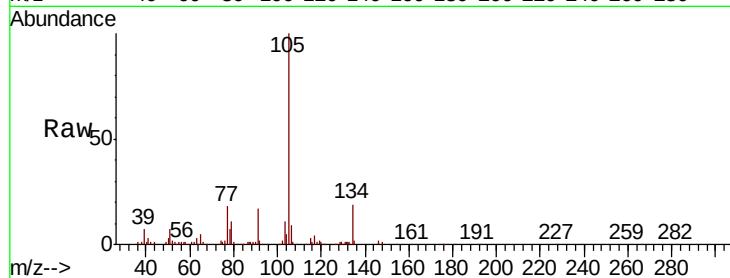
134 17.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/26/2021

Supervised By :Mahesh Dadoda 03/29/2021



#68

1-Bromo-4-Fluorobenzene

Concen: 9.778 ppbv

RT: 14.42 min Scan# 3619

Delta R.T. 0.00 min

Lab File: VL036473.D

Acq: 25 Mar 2021 3:56

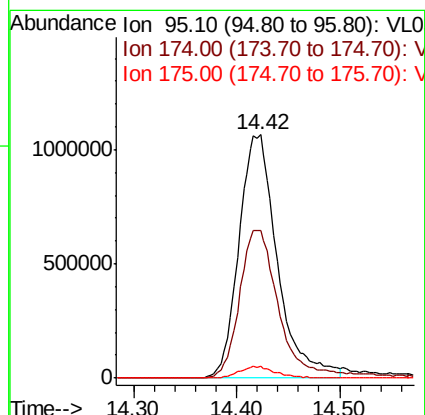
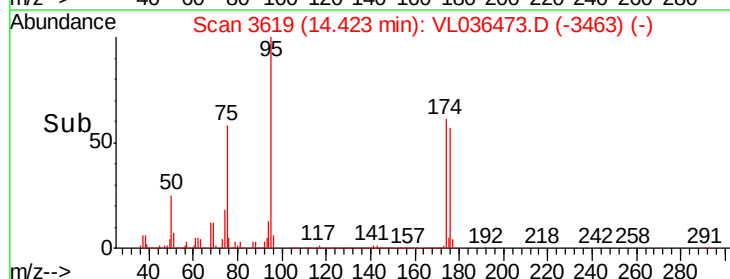
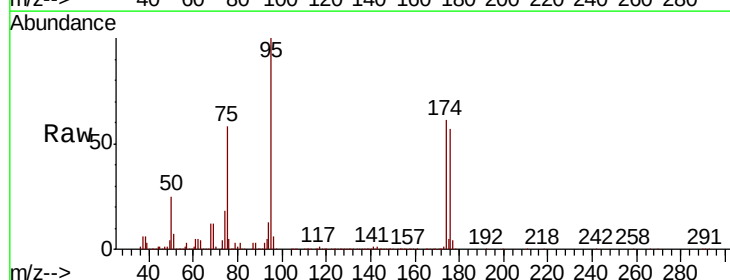
Tgt Ion: 95 Resp: 2763780

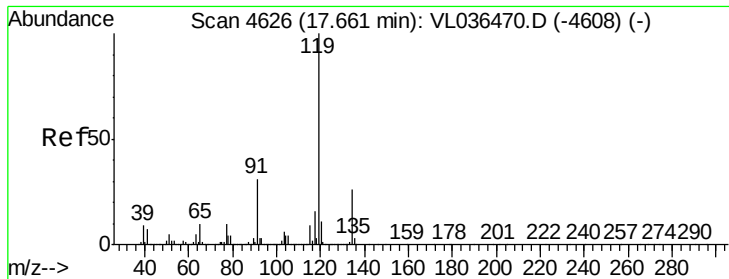
Ion Ratio Lower Upper

95 100

174 64.3 51.0 76.6

175 4.9 3.9 5.9



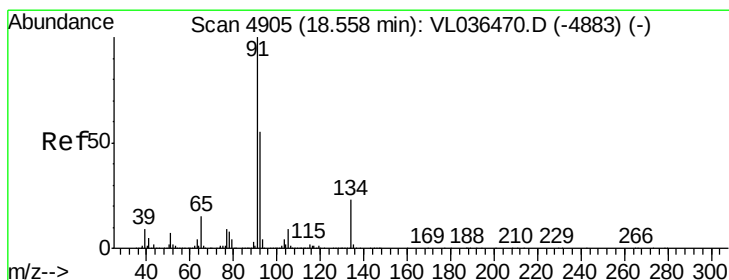
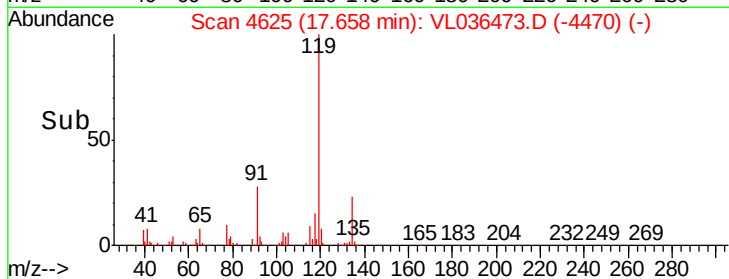
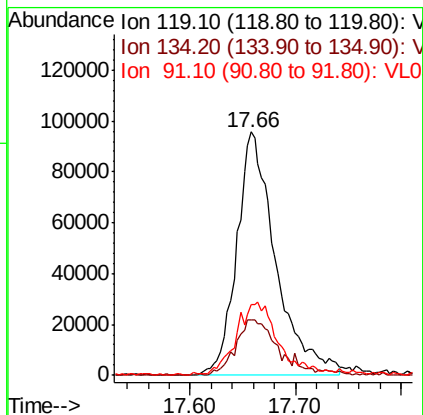
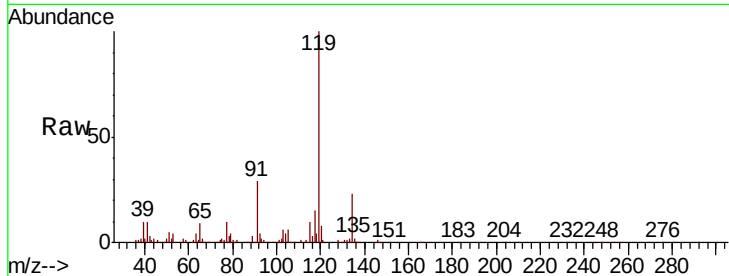


#69
 p-Isopropyltoluene
 Concen: 0.461 ppbv m
 RT: 17.66 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 25 Mar 2021 3:56

Tot Ion: 1
 Ion Ratio
 119 100
 134 25.
 91 33.

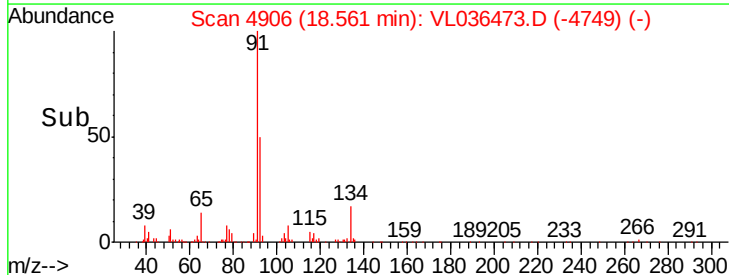
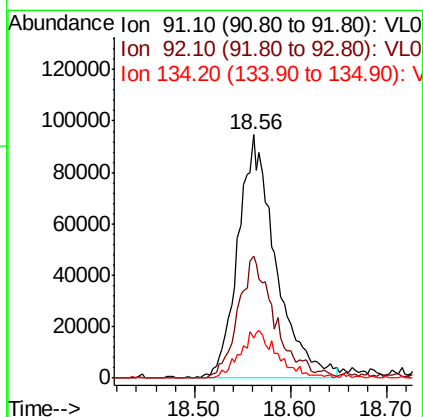
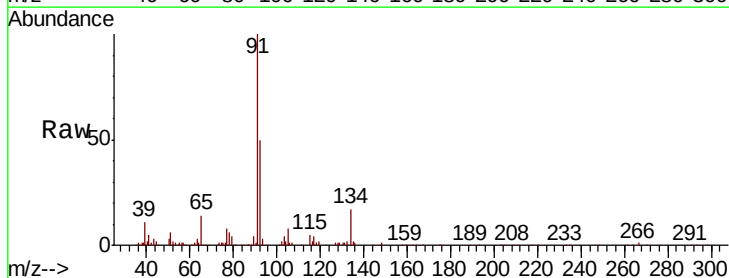
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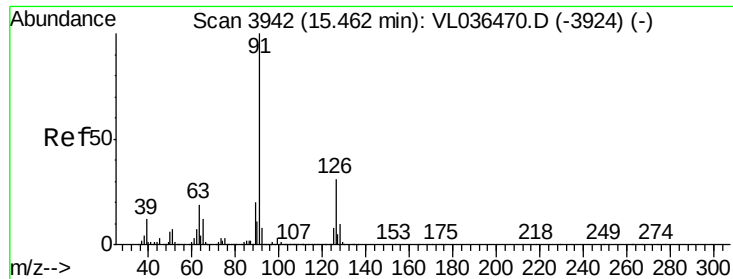
Reviewed By : Semsettin Yesilyurt 03/26/2021
 Supervised By : Mahesh Dadoda 03/29/2021



#70
 n-Butylbenzene
 Concen: 0.465 ppbv m
 RT: 18.56 min Scan# 4906
 Delta R.T.: 0.00 min
 Lab File: VL036473.D
 Acq: 25 Mar 2021 3:56

Tgt Ion: 91 Resp: 256886
 Ion Ratio Lower Upper
 91 100
 92 50.1 43.8 65.8
 134 0.0 18.0 27.0#





#71

2-Chlorotoluene

Concen: 0.479 ppbv

RT: 15.46

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 25 Mar 2021 3:50

Tot Ion:

Ion Ratio

91 100

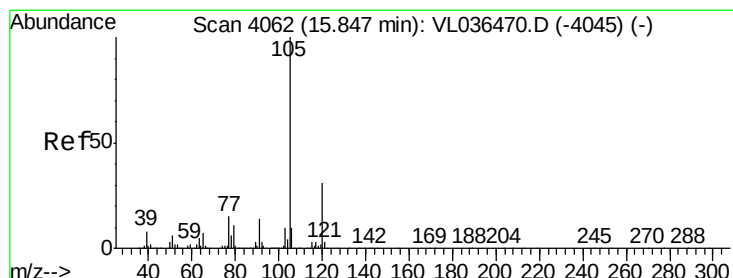
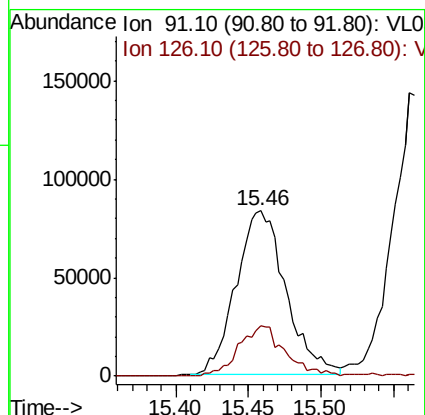
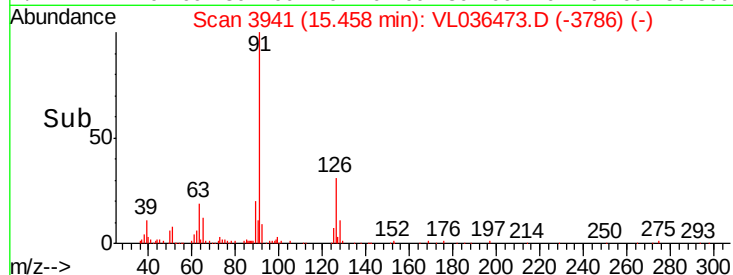
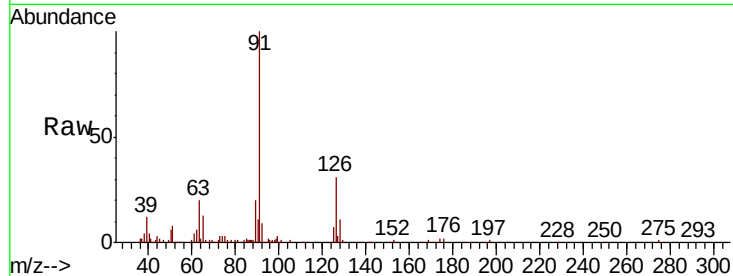
126 29.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/26/2021

Supervised By :Mahesh Dadoda 03/29/2021



#72

4-Ethyltoluene

Concen: 0.522 ppbv m

RT: 15.85 min Scan# 4062

Delta R.T. 0.00 min

Lab File: VL036473.D

Acq: 25 Mar 2021 3:56

Tgt Ion:105 Resp: 211638

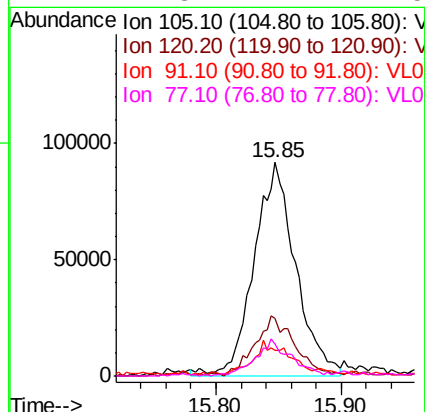
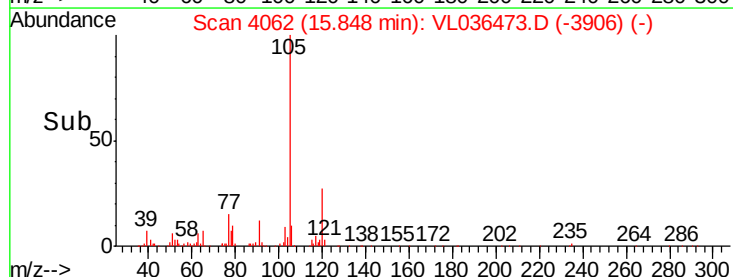
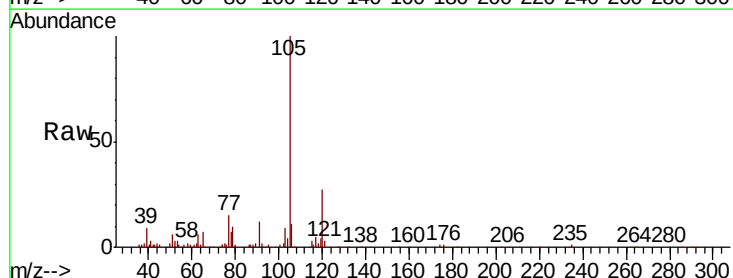
Ion Ratio Lower Upper

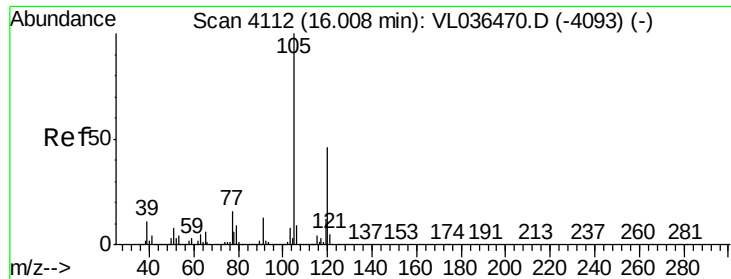
105 100

120 26.6 24.0 36.0

91 0.0 11.0 16.4#

77 14.3 11.7 17.5



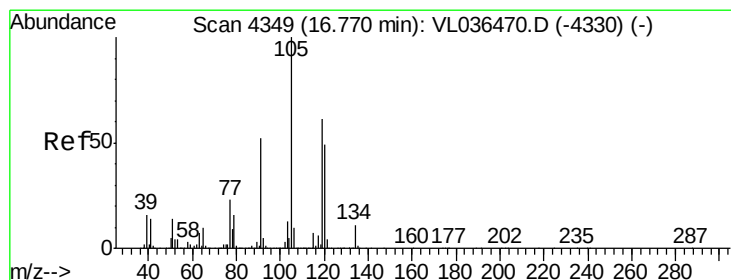
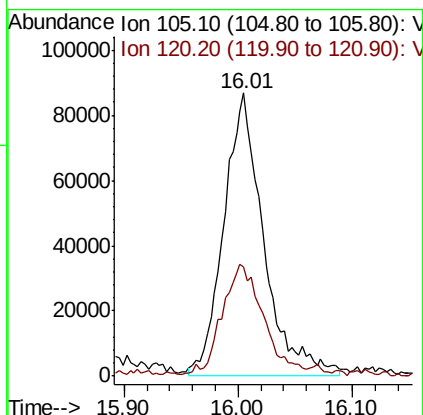
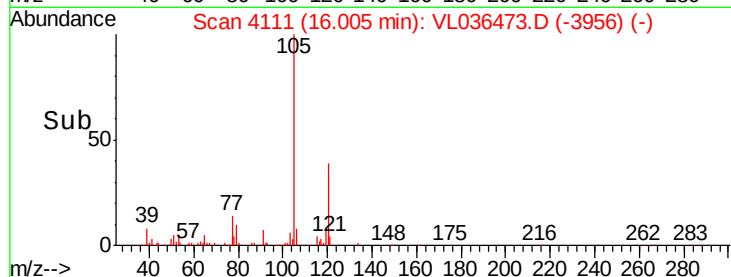
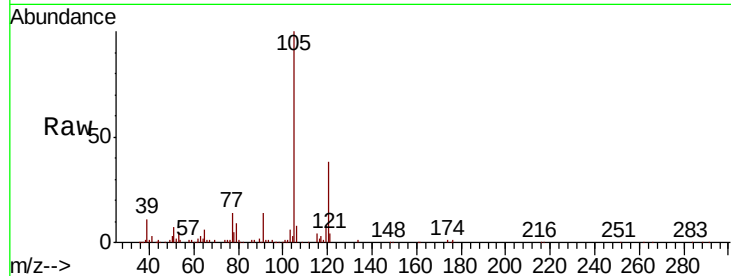


#73
 1,3,5-Trimethylbenzene
 Concen: 0.541 ppbv m
 RT: 16.01
 Instrument: MSVOA_1
 Delta R.T.:
 Client Sample Id:
 Lab File: VSTDIC0.5
 Acq: 25 Mar 2021 3:56

Tot Ion:1
 Ion Rati
 105 100
 120 38.

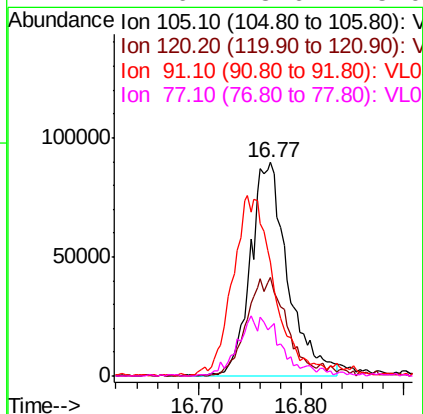
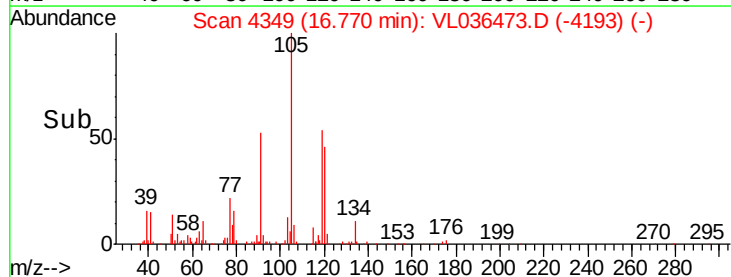
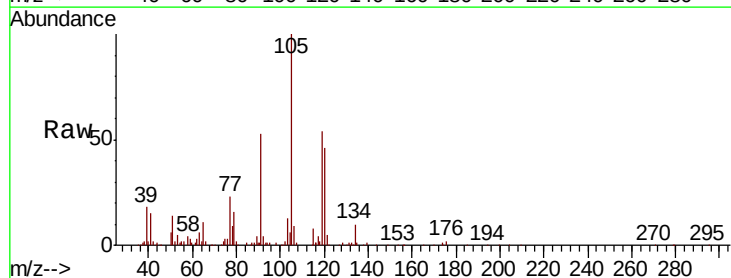
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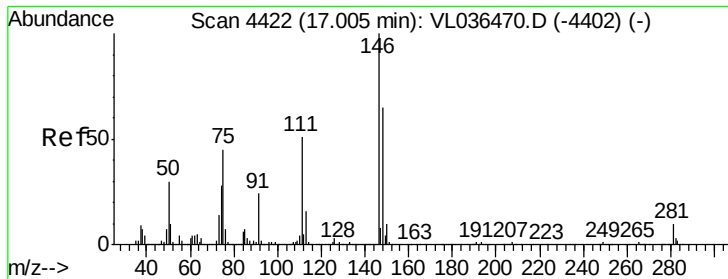
Reviewed By :Semsettin Yesilyurt 03/26/2021
 Supervised By :Mahesh Dadoda 03/29/2021



#74
 1,2,4-Trimethylbenzene
 Concen: 0.544 ppbv m
 RT: 16.77 min Scan# 4349
 Delta R.T. 0.00 min
 Lab File: VL036473.D
 Acq: 25 Mar 2021 3:56

Tgt Ion:105 Resp: 225412
 Ion Ratio Lower Upper
 105 100
 120 46.1 39.2 58.8
 91 53.1 42.6 64.0
 77 22.6 18.6 28.0



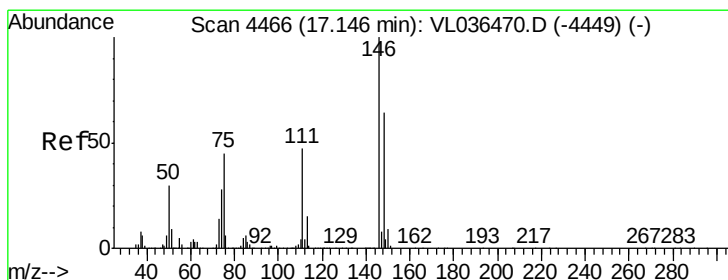
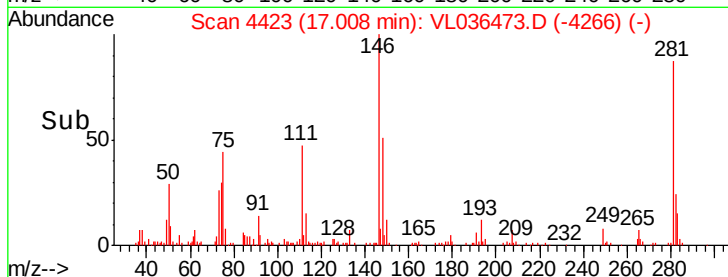
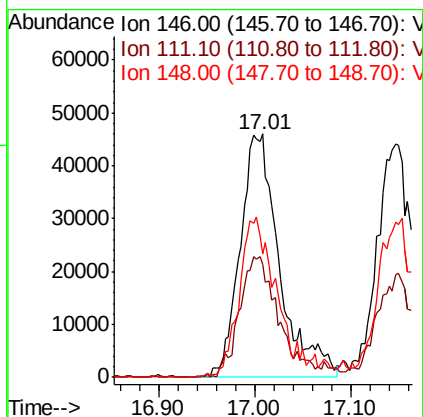
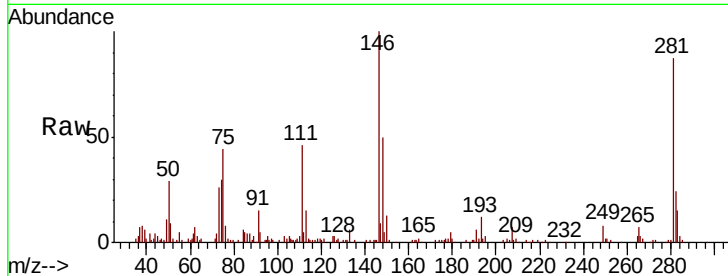


#75
 1,3-Dichlorobenzene
 Concen: 0.566 ppbv m
 RT: 17.01 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDIC0.5
 Acq: 25 Mar 2021 3:50

Tot Ion:1
 Ion Rati
 146 100
 111 0.
 148 0.

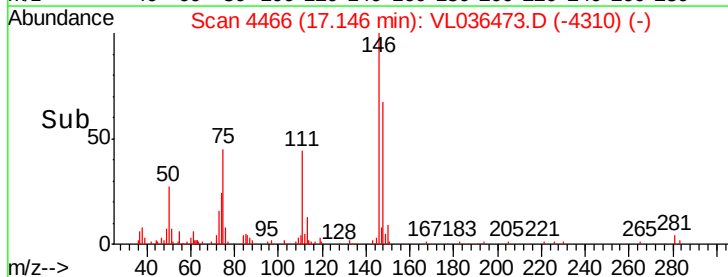
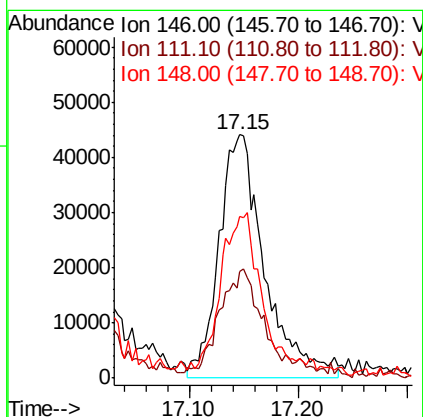
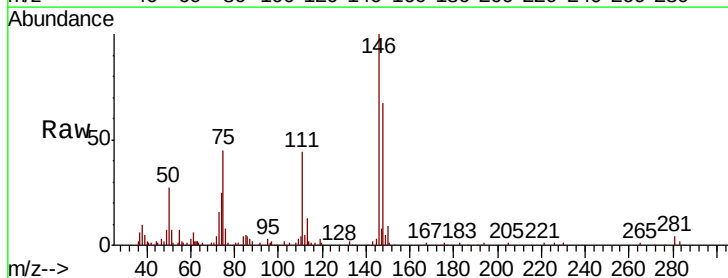
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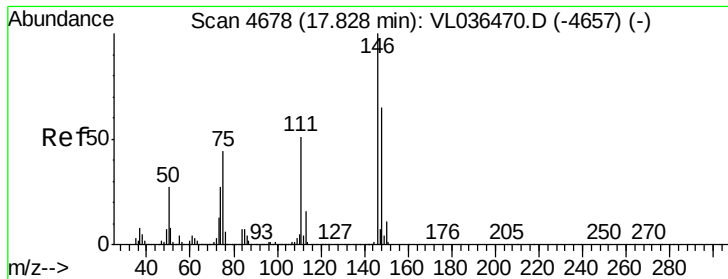
Reviewed By :Semsettin Yesilyurt 03/26/2021
 Supervised By :Mahesh Dadoda 03/29/2021



#76
 1,4-Dichlorobenzene
 Concen: 0.555 ppbv m
 RT: 17.15 min Scan# 4466
 Delta R.T. 0.00 min
 Lab File: VL036473.D
 Acq: 25 Mar 2021 3:56

Tgt Ion:146 Resp: 128573
 Ion Ratio Lower Upper
 146 100
 111 47.2 24.3 73.0
 148 67.6 32.9 98.6





#77

1,2-Dichlorobenzene

Concen: 0.566 ppbv m

RT: 17.83

Instrument: MSVOA_1

Delta R.T.:

Lab File: ClientSampleId:

Acq: 25 Mar 2021 3:50

Tot Ion:1

Ion Rati

146 100

111 52.

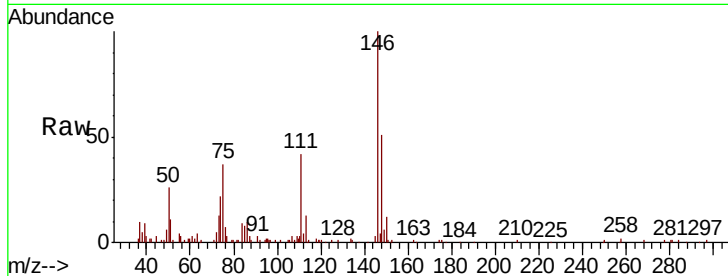
148 63.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/26/2021

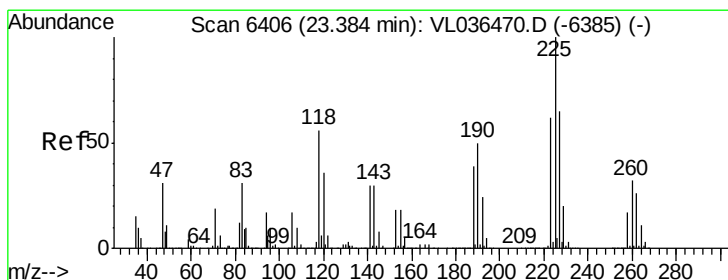
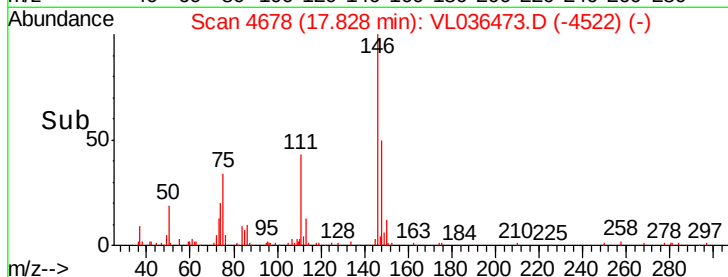
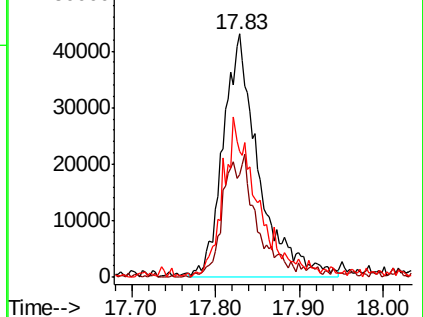
Supervised By :Mahesh Dadoda 03/29/2021



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V



#78

Hexachloro-1,3-Butadiene

Concen: 0.666 ppbv m

RT: 23.38 min Scan# 6405

Delta R.T. -0.00 min

Lab File: VL036473.D

Acq: 25 Mar 2021 3:56

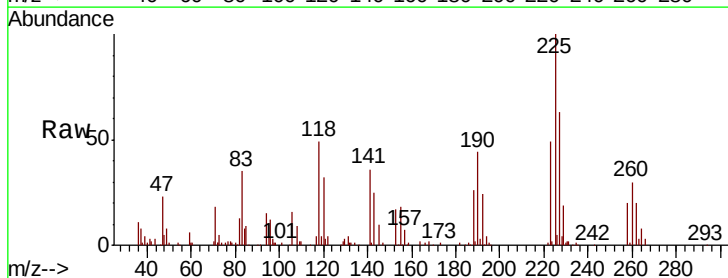
Tgt Ion:225 Resp: 122018

Ion Ratio Lower Upper

225 100

223 63.6 50.9 76.3

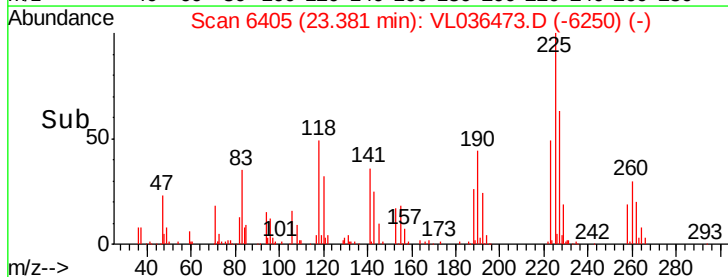
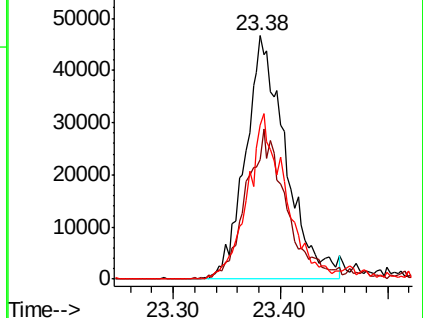
227 63.7 52.2 78.2

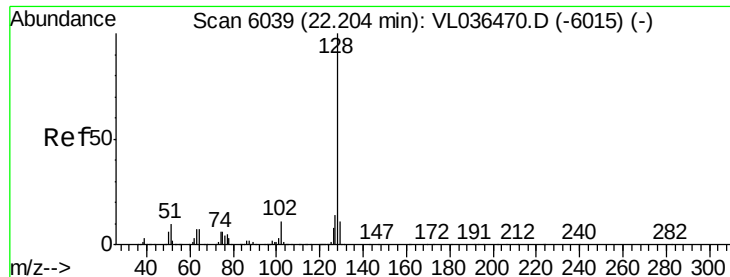


Abundance Ion 224.90 (224.60 to 225.60): V

Ion 222.90 (222.60 to 223.60): V

Ion 226.90 (226.60 to 227.60): V



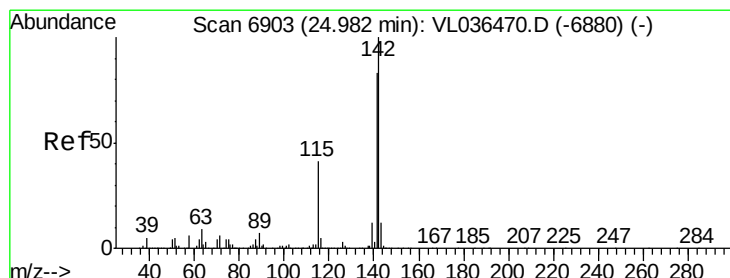
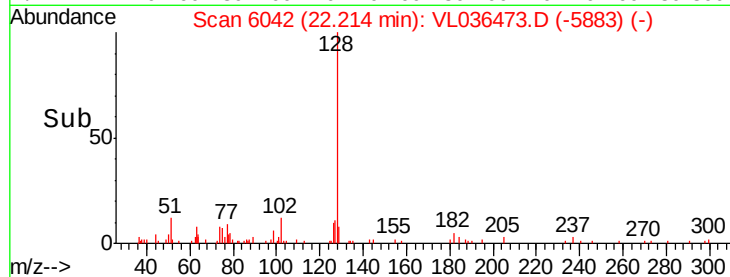
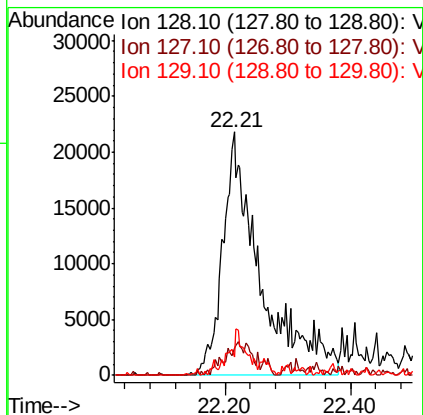
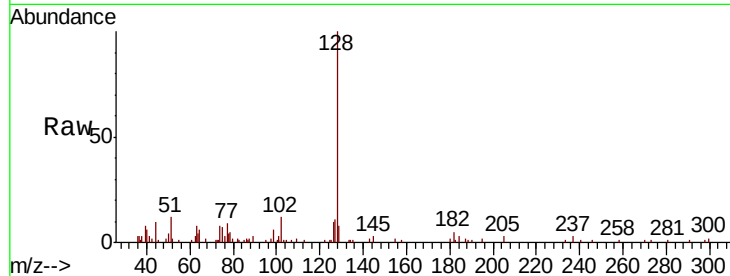


#79
Naphthalene
Concen: 0.368 ppbv m
RT: 22.21
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 25 Mar 2021 3:50

Tot Ion:1
Ion Rati
128 100
127 11.
129 7.

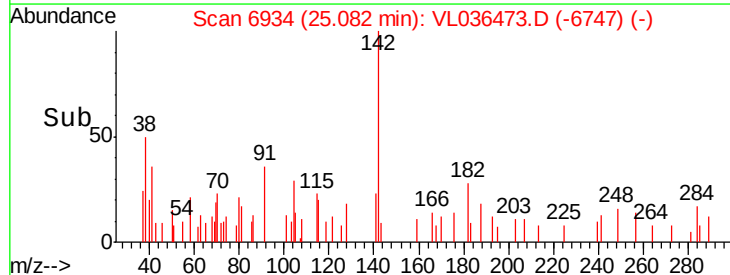
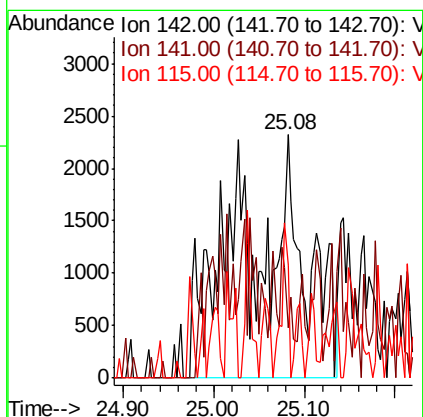
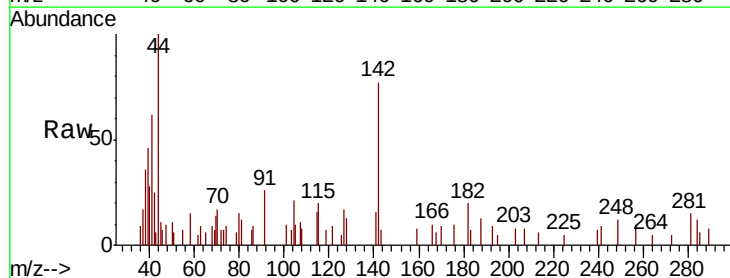
Manual Integrations
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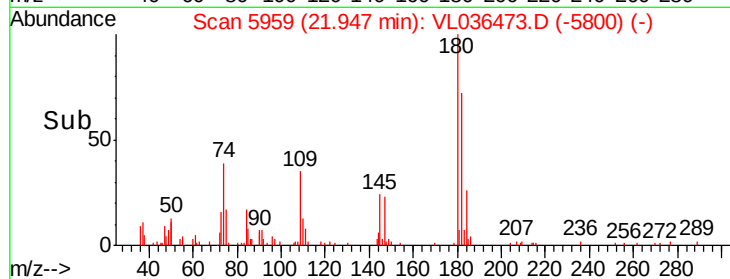
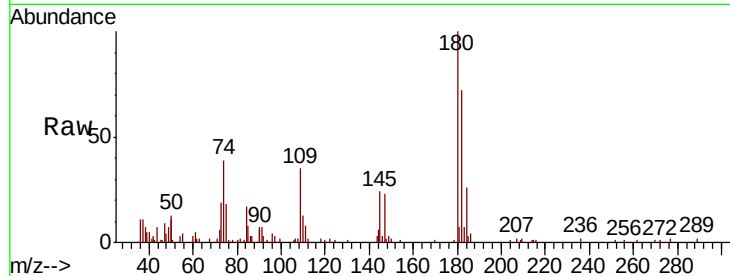
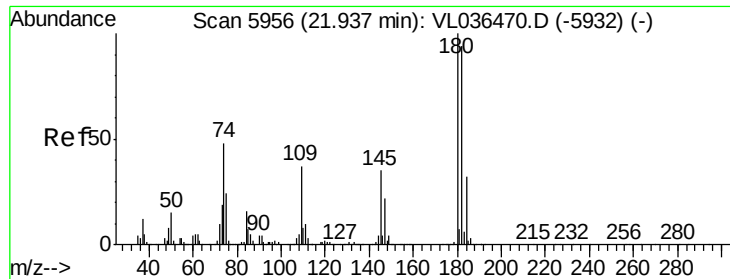
Reviewed By :Semsettin Yesilyurt 03/26/2021
Supervised By :Mahesh Dadoda 03/29/2021



#80
Naphthalene, 2-methyl-
Concen: 0.210 ppbv m
RT: 25.08 min Scan# 6934
Delta R.T. 0.10 min
Lab File: VL036473.D
Acq: 25 Mar 2021 3:56

Tgt Ion:142 Resp: 11037
Ion Ratio Lower Upper
142 100
141 29.9 67.7 101.5#
115 20.6 33.4 50.2#





#81

1,2,4-Trichlorobenzene

Concen: 0.457 ppbv m

RT: 21.95

Delta R.T MSVOA_L

Lab File: ClientSampleId :

Acq: 25 Mar 2021 3:30

Tot Ion:1

Ion Rati

180 100

182 97.

184 0.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/26/2021

Supervised By :Mahesh Dadoda 03/29/2021

