

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL032521\
 Data File : VL036479.D
 Acq On : 25 Mar 2021 9:05
 Operator : SY/AP
 Sample : VL0325ABS01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VL0325ABS01

Manual Integrations
 APPROVED

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

Quant Time: Mar 26 04:40:47 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Thu Mar 25 09:42:40 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1596629	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3863866	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	3712974m	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2966050	10.02	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.20%

Target Compounds

	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.04	85	2393708	9.192	ppbv	99
3) Chlorodifluoromethane	2.98	51	2643863	8.863	ppbv	100
4) Chloromethane	3.13	50	949175	9.008	ppbv	98
5) Vinyl Chloride	3.25	62	961467	8.874	ppbv	100
6) Bromomethane	3.47	94	534639	8.963	ppbv	95
7) Chloroethane	3.55	64	340037	9.134	ppbv	98
8) Dichlorotetrafluoroethane	3.18	85	2256080	9.077	ppbv	99
9) Propene	3.01	41	906396	9.531	ppbv	98
10) Heptane	8.12	43	2282164	9.420	ppbv	99
11) Trichlorofluoromethane	3.94	101	2410790	9.084	ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.48	101	1580934	9.317	ppbv	97
13) Ethanol	3.61	45	91457m	8.076	ppbv	
14) Bromoethene	3.74	108	672111	9.528	ppbv	97
15) Acetone	3.85	43	1283351	8.167	ppbv	99
16) 1,3-Butadiene	3.32	39	1009653	9.229	ppbv	99
17) tert-Butyl alcohol	4.29	59	1221792	8.931	ppbv	98
18) 1,1-Dichloroethene	4.29	96	676397	8.962	ppbv	91
19) Isopropyl Alcohol	3.96	45	699278	8.089	ppbv	99
20) Methylene Chloride	4.34	84	561235	7.628	ppbv	92
21) Allyl Chloride	4.41	41	1140749	9.106	ppbv	98
22) trans-1,2-Dichloroethene	4.88	96	637263	9.107	ppbv	91
23) Vinyl Acetate	5.07	43	2452671	9.124	ppbv	100
24) 1,1-Dichloroethane	5.01	63	1807818	9.227	ppbv #	99
25) Ethyl Acetate	5.68	43	3391360	9.077	ppbv	99
26) Hexane	5.69	57	1595362	9.202	ppbv	100
27) Carbon Disulfide	4.55	76	1713592	10.033	ppbv	99
28) Methyl tert-Butyl Ether	5.03	73	1871724	9.154	ppbv	99
29) Chloroform	5.75	83	2516297	9.075	ppbv	99
30) Cyclohexane	7.13	84	1339485	9.526	ppbv	99
31) cis-1,2-Dichloroethene	5.55	61	1589338	9.478	ppbv	95
32) 1,1,1-Trichloroethane	6.51	97	2481905	8.882	ppbv	98
34) 2-Butanone	5.24	43	1714811	9.092	ppbv	99
35) Carbon Tetrachloride	7.02	117	2618968	8.825	ppbv	99
36) Benzene	6.89	78	3248959	9.117	ppbv	99
37) 1,2-Dichloroethane	6.30	62	1903330	9.075	ppbv	100
38) Trichloroethene	7.83	130	1147325	8.273	ppbv	97
39) 1,2-Dichloropropane	7.61	63	1297120	8.973	ppbv	97
40) 1,4-Dioxane	7.83	88	263623	7.836	ppbv	68
41) Tetrahydrofuran	6.05	42	806126	9.270	ppbv	99
42) Bromodichloromethane	7.79	83	2663480	9.336	ppbv	99
43) Methyl Methacrylate	8.01	69	1199125	10.021	ppbv	99

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 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.87	57	5514978	8.793	ppbv	100
45) t-1,3-Dichloropropene	9.28	75	1306094	9.559	ppbv	99
46) cis-1,3-Dichloropropene	8.70	75	1619776	9.274	ppbv	98
47) 1,1,2-Trichloroethane	9.47	97	1300908	8.885	ppbv	99
48) Dibromochloromethane	10.30	129	2150089	9.633	ppbv	99
49) Bromoform	13.04	173	1668850	9.280	ppbv	99
50) 4-Methyl-2-Pentanone	8.74	43	2640925	9.677	ppbv	99
51) 2-Hexanone	10.14	43	1441166	10.464	ppbv #	100
52) Tetrachloroethene	11.22	164	1075383	8.195	ppbv	98
53) Toluene	9.80	91	3619718	9.538	ppbv	100
54) 1,2-Dibromoethane	10.61	107	1843527	8.916	ppbv	97
56) 1,1,1,2-Tetrachloroethane	12.13	131	1436223	8.552	ppbv #	57
57) Chlorobenzene	12.14	112	2600273	8.231	ppbv	98
58) Ethyl Benzene	12.71	91	4804036	8.893	ppbv	98
59) m/p-Xylene	13.00	91	8052366m	17.090	ppbv	
60) o-Xylene	13.69	91	3758323	8.250	ppbv	99
61) Styrene	13.53	104	2232722	9.742	ppbv	99
62) Isopropylbenzene	14.67	105	5131317	8.364	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.68	83	2610513	7.512	ppbv	100
64) n-propylbenzene	15.56	120	1332462	8.883	ppbv	100
65) tert-Butylbenzene	16.74	119	4391292	8.255	ppbv	100
66) Benzyl Chloride	16.99	91	521724	8.873	ppbv	98
67) sec-Butylbenzene	17.29	105	6176983	8.226	ppbv	100
69) p-Isopropyltoluene	17.65	119	5114853	8.722	ppbv	100
70) n-Butylbenzene	18.55	91	5324511	8.757	ppbv	100
71) 2-Chlorotoluene	15.45	91	3915070	8.516	ppbv	100
72) 4-Ethyltoluene	15.84	105	4231837	8.477	ppbv	98
73) 1,3,5-Trimethylbenzene	16.00	105	3973219	8.528	ppbv	100
74) 1,2,4-Trimethylbenzene	16.76	105	4081820	8.187	ppbv	97
75) 1,3-Dichlorobenzene	17.00	146	2255336	8.036	ppbv	100
76) 1,4-Dichlorobenzene	17.14	146	2188634	7.855	ppbv	99
77) 1,2-Dichlorobenzene	17.82	146	2143760	8.126	ppbv	99
78) Hexachloro-1,3-Butadiene	23.37	225	1874362	7.934	ppbv	99
79) Naphthalene	22.19	128	3395985	11.672	ppbv	99
80) Naphthalene, 2-methyl-	24.97	142	849090	14.800	ppbv	98
81) 1,2,4-Trichlorobenzene	21.93	180	1805932	10.053	ppbv	97

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VL0325ABS01

Acq: 25 Mar 2021 9:05

Tot Ion:

Ion Ratio

49 100

128 46.

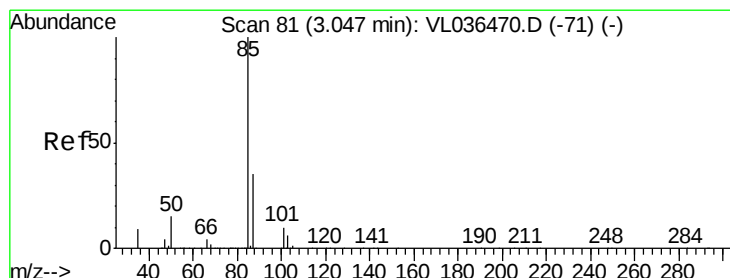
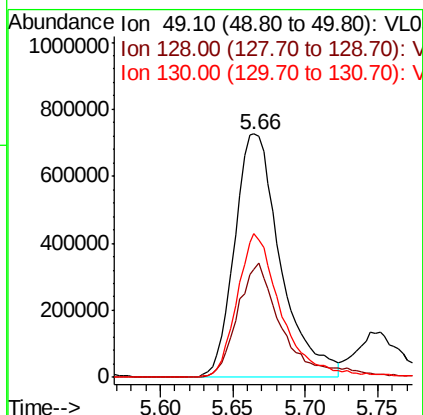
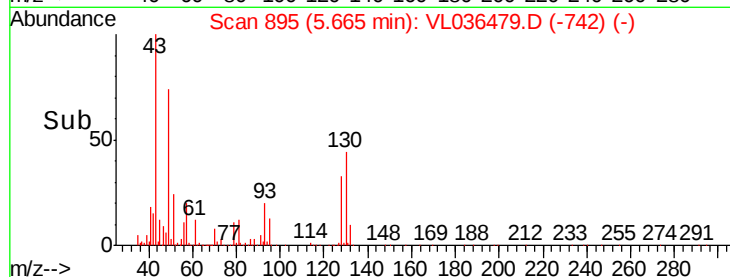
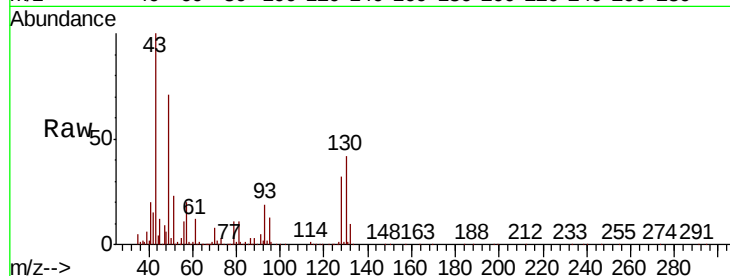
130 57.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/26/2021

Supervised By :Mahesh Dadoda 03/29/2021



#2

Dichlorodifluoromethane

Concen: 9.192 ppbv

RT: 3.04 min Scan# 80

Delta R.T. -0.00 min

Lab File: VL036479.D

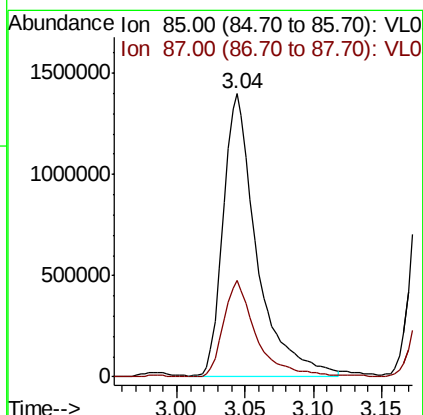
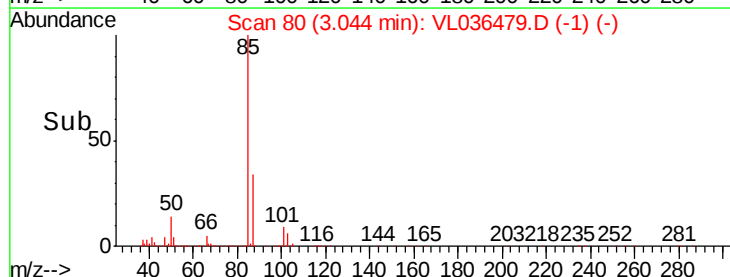
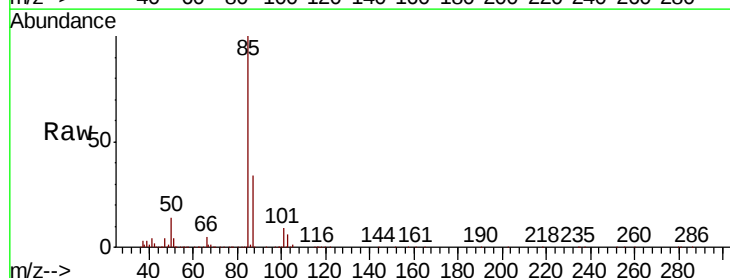
Acq: 25 Mar 2021 9:05

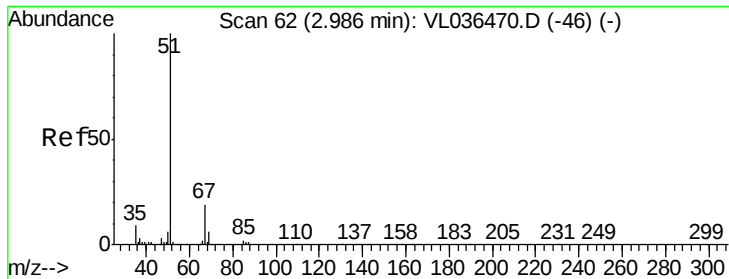
Tgt Ion: 85 Resp: 2393708

Ion Ratio Lower Upper

85 100

87 34.3 27.8 41.8





#3

Chlorodifluoromethane

Concen: 8.863 ppbv

RT: 2.98 Instrument: MSVOA_L

Delta R.T. ClientSampleId:

Lab File: VL0325ABS01

Acq: 25 Mar 2021 9:05

Tot Ion:

Ion Ratio

51 100

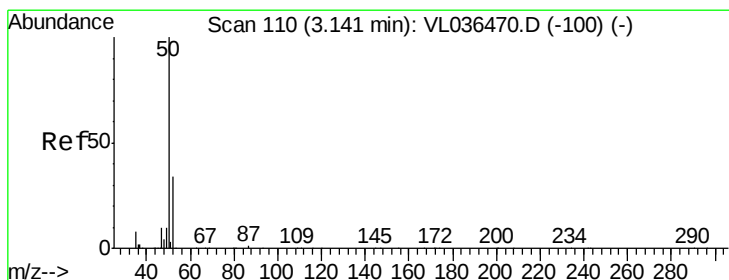
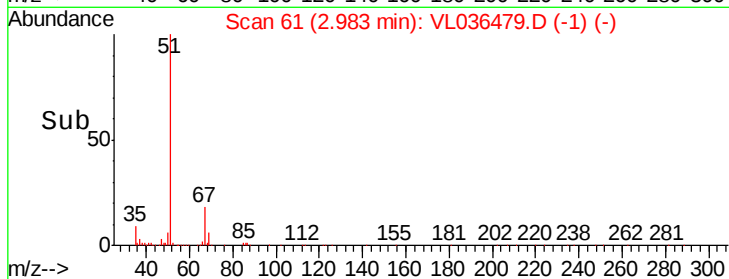
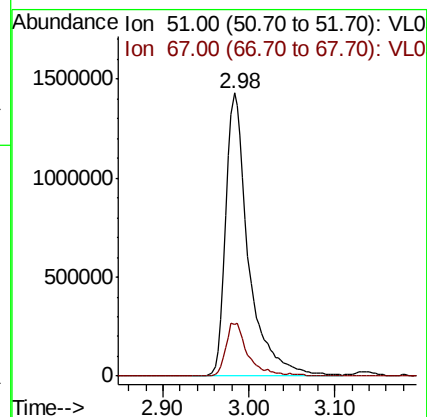
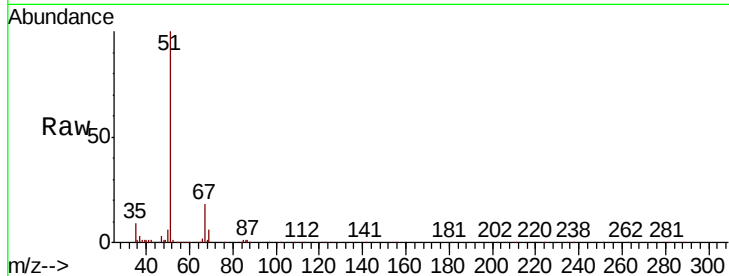
67 18.

Manual Integrations

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Supervised By :Mahesh Dadoda 03/29/2021



#4

Chloromethane

Concen: 9.008 ppbv

RT: 3.13 min Scan# 108

Delta R.T. -0.01 min

Lab File: VL036479.D

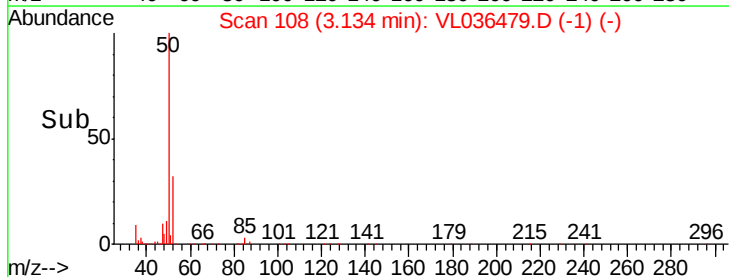
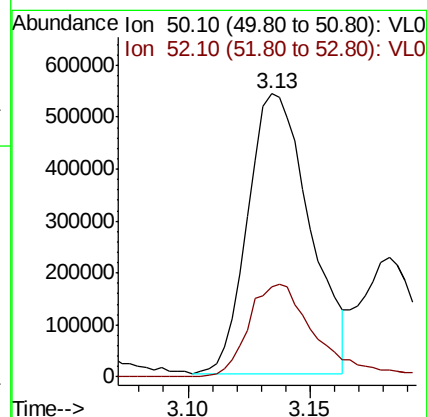
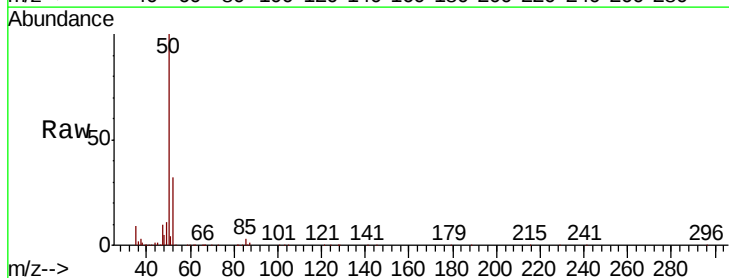
Acq: 25 Mar 2021 9:05

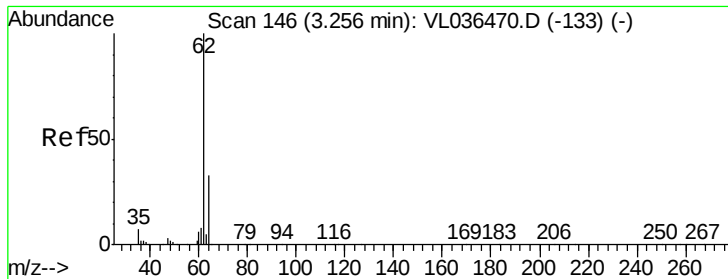
Tgt Ion: 50 Resp: 949175

Ion Ratio Lower Upper

50 100

52 32.4 27.0 40.6





#5

Vinyl Chloride

Concen: 8.874 ppbv

RT: 3.25 Instrument: MSVOA_1

Delta R.T. -0.00 min

Lab File: ClientSampleId: VL0325ABS01

Acq: 25 Mar 2021 9:05

Tot Ion:

Ion Ratio

62 100

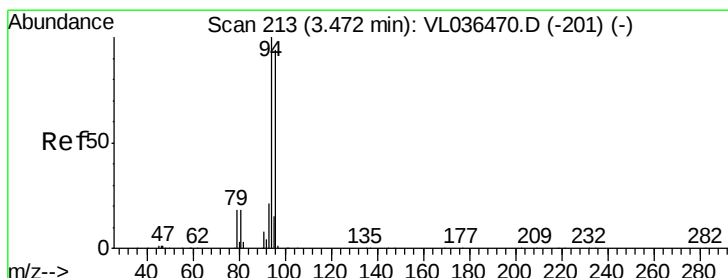
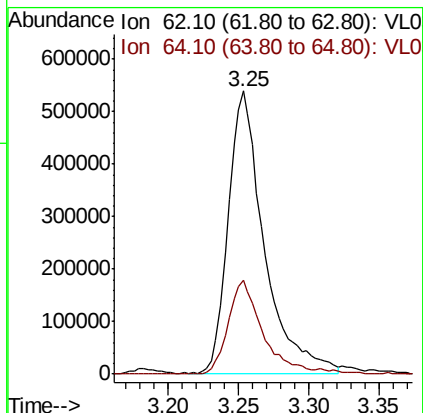
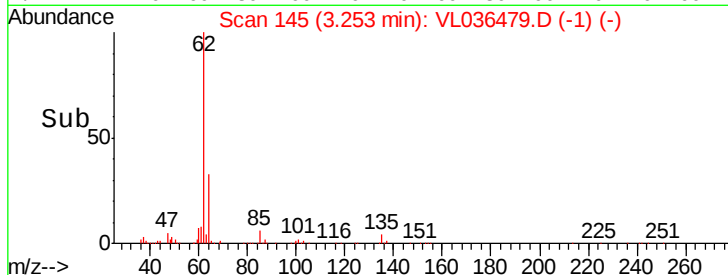
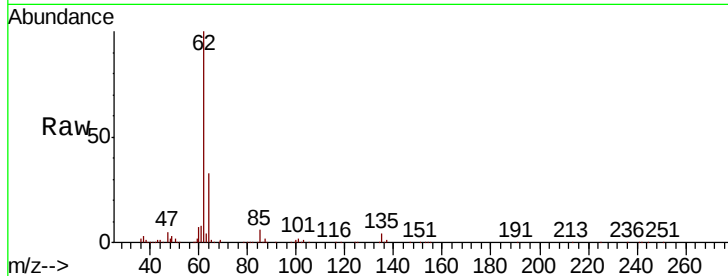
64 33.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/26/2021

Supervised By :Mahesh Dadoda 03/29/2021



#6

Bromomethane

Concen: 8.963 ppbv

RT: 3.47 min Scan# 212

Delta R.T. -0.00 min

Lab File: VL036479.D

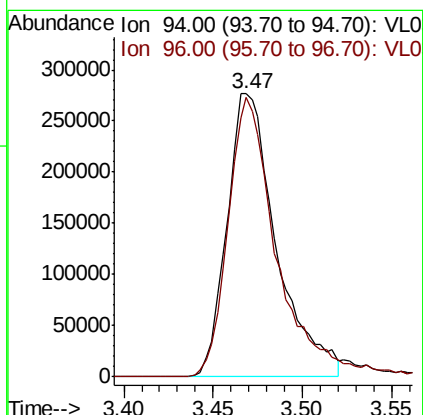
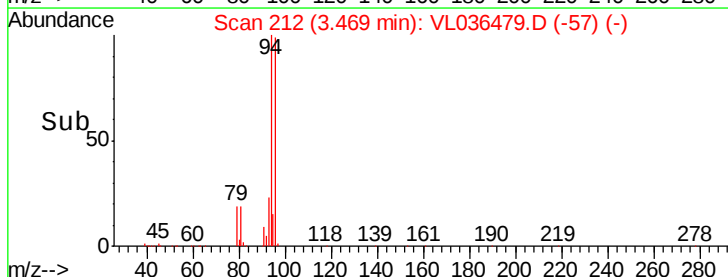
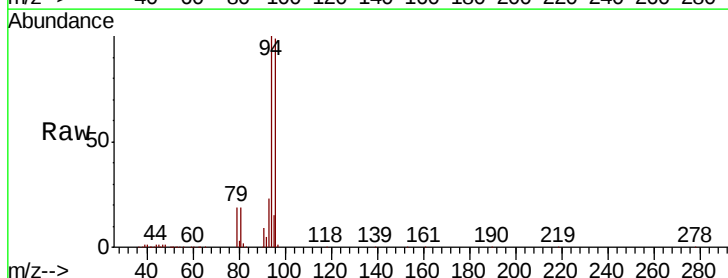
Acq: 25 Mar 2021 9:05

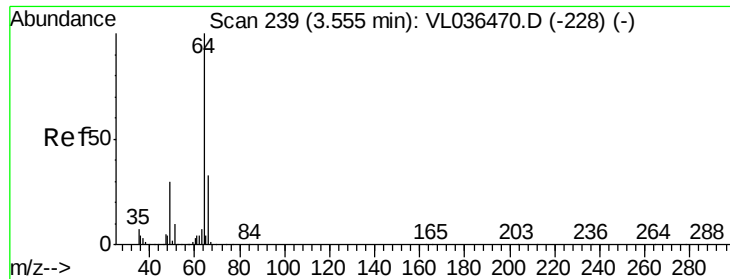
Tgt Ion: 94 Resp: 534639

Ion Ratio Lower Upper

94 100

96 98.6 74.9 112.3





#7

Chloroethane

Concen: 9.134 ppbv

RT: 3.55 Instrument: MSVOA_1

Delta R.T. -0.00

Lab File: ClientSampleId: VL0325ABS01

Acq: 25 Mar 2021 9:05

Tot Ion:

Ion Ratio

64 100

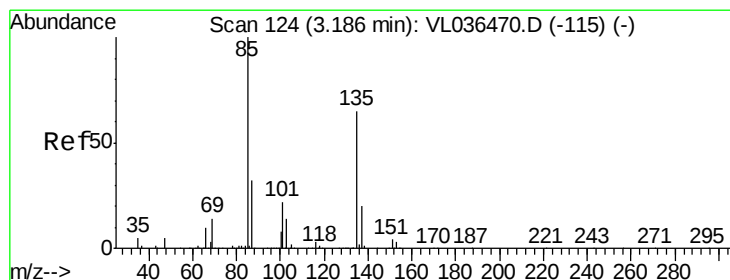
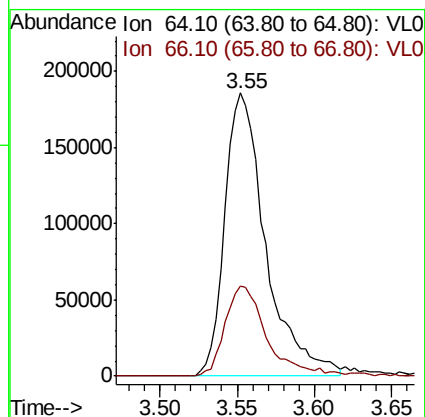
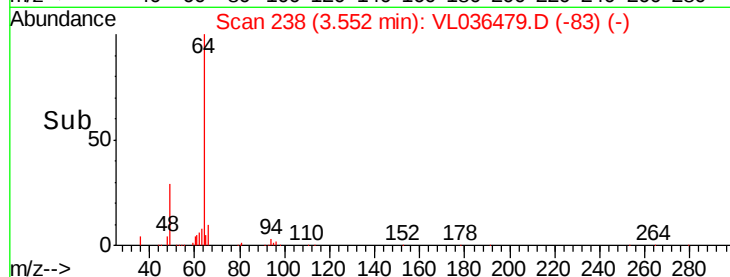
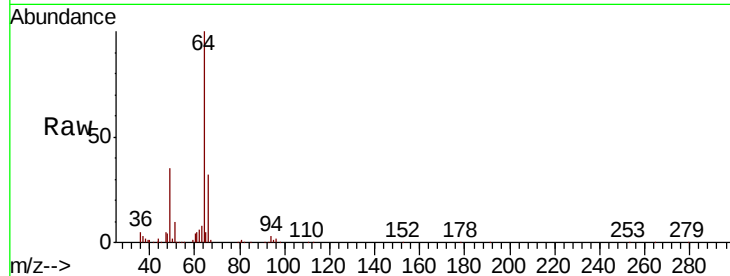
66 31.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/26/2021

Supervised By :Mahesh Dadoda 03/29/2021



#8

Dichlorotetrafluoroethane

Concen: 9.077 ppbv

RT: 3.18 min Scan# 123

Delta R.T. -0.00 min

Lab File: VL036479.D

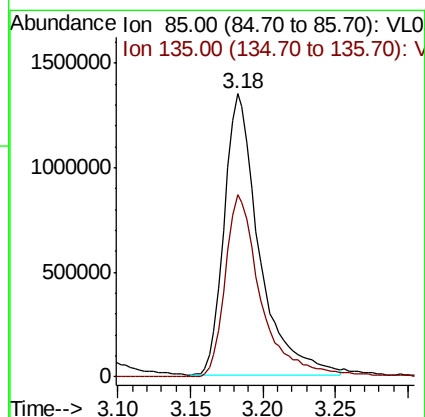
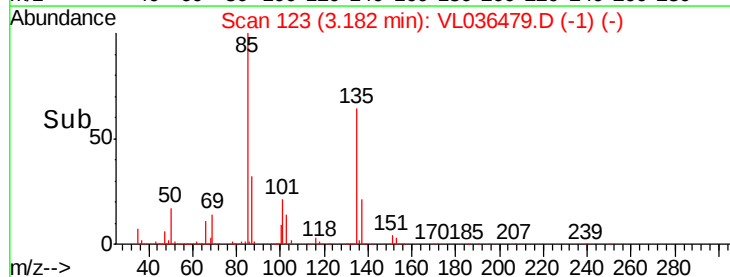
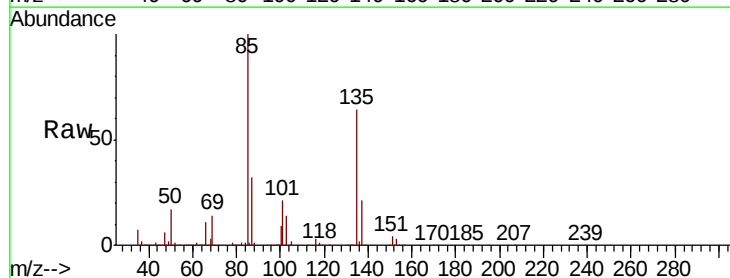
Acq: 25 Mar 2021 9:05

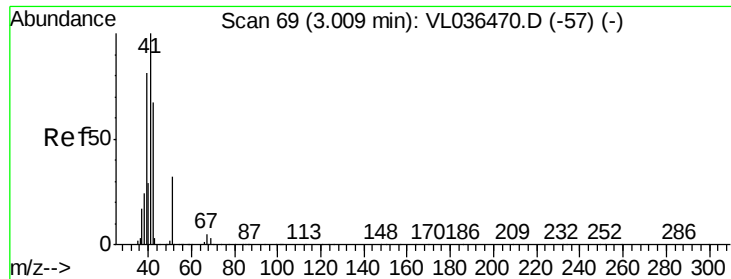
Tgt Ion: 85 Resp: 2256080

Ion Ratio Lower Upper

85 100

135 67.2 54.3 81.5



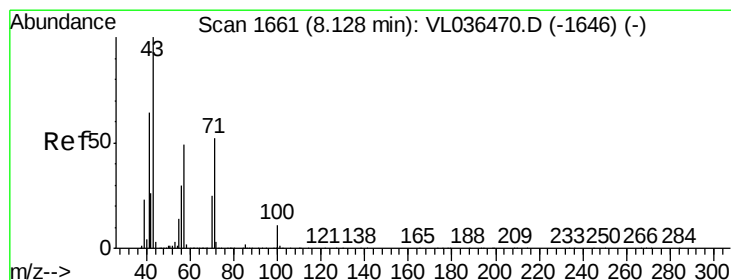
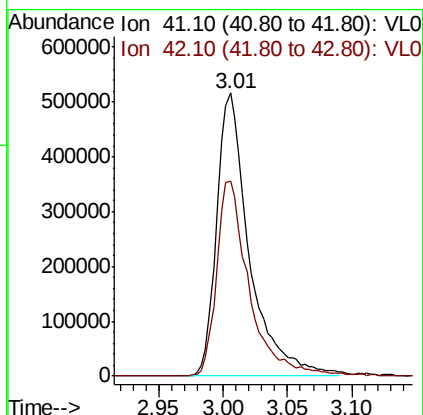
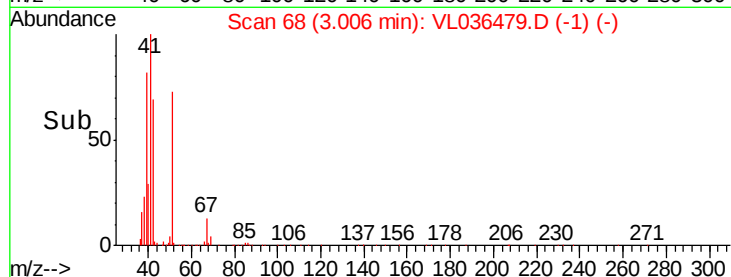
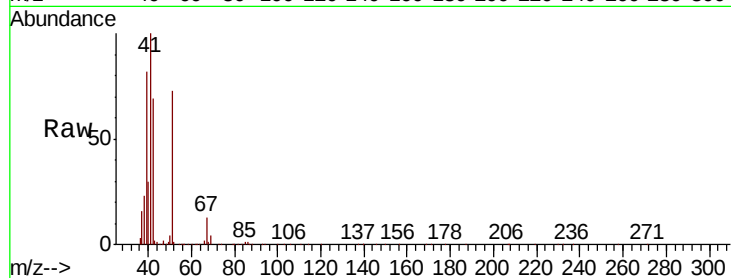


#9
Propene
Concen: 9.531 ppbv
RT: 3.01
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 25 Mar 2021 9:05

Tot Ion:
Ion Ratio
41 100
42 69.

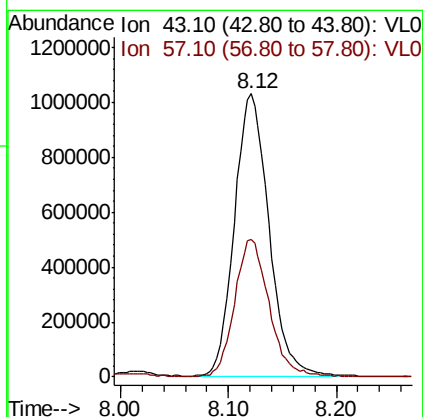
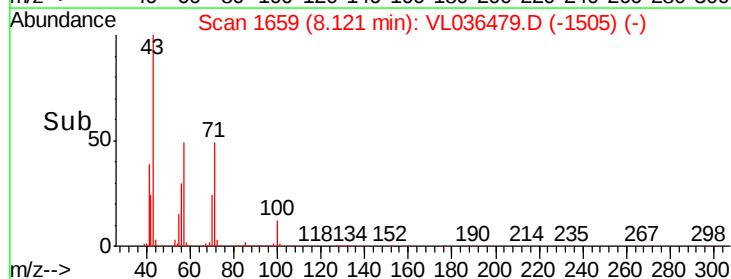
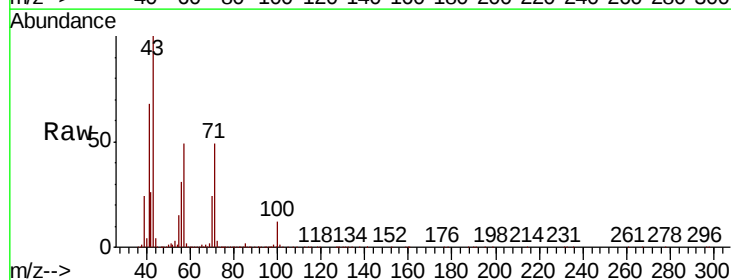
Manual Integrations
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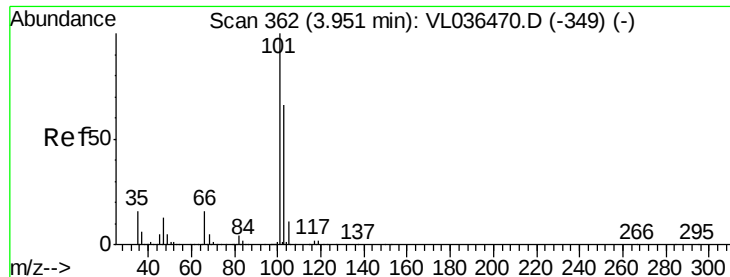
Reviewed By :Semsettin Yesilyurt 03/26/2021
Supervised By :Mahesh Dadoda 03/29/2021



#10
Heptane
Concen: 9.420 ppbv
RT: 8.12 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VL036479.D
Acq: 25 Mar 2021 9:05

Tgt Ion: 43 Resp: 2282164
Ion Ratio Lower Upper
43 100
57 49.2 39.0 58.6



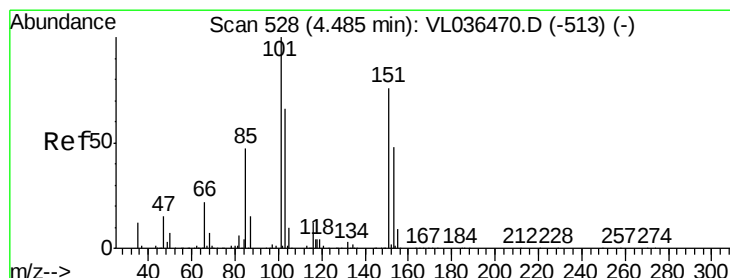
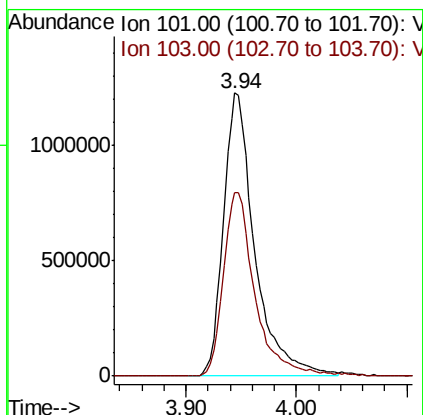
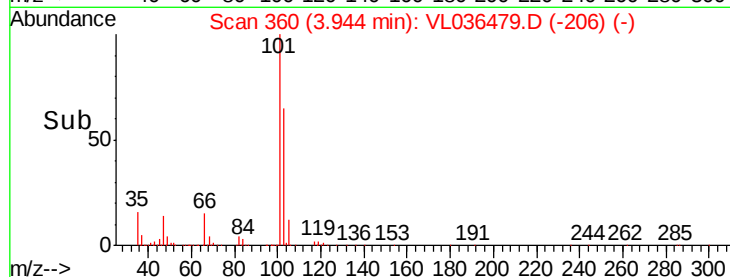
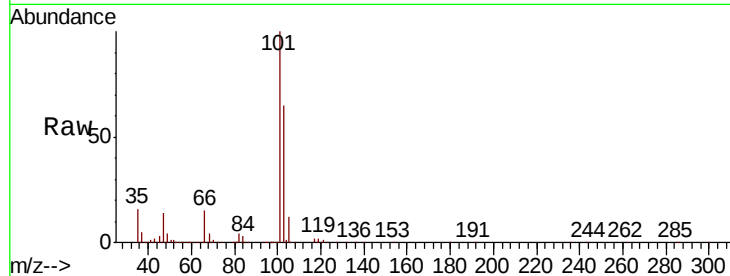


#11
 Trichlorofluoromethane
 Concen: 9.084 ppbv
 RT: 3.94
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL0325ABS01
 Acq: 25 Mar 2021 9:05

Tot Ion:1
 Ion Rati
 101 100
 103 64.

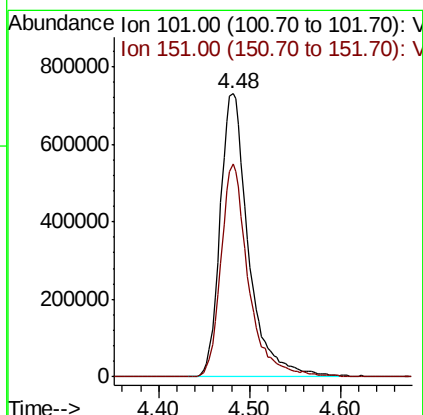
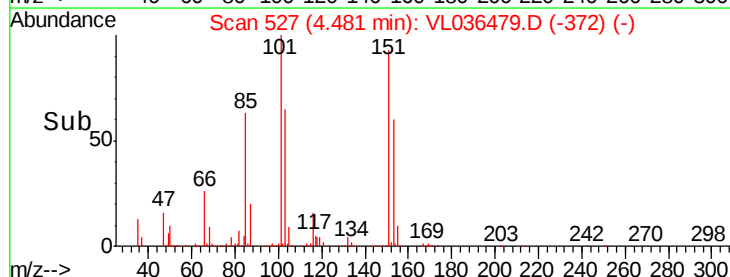
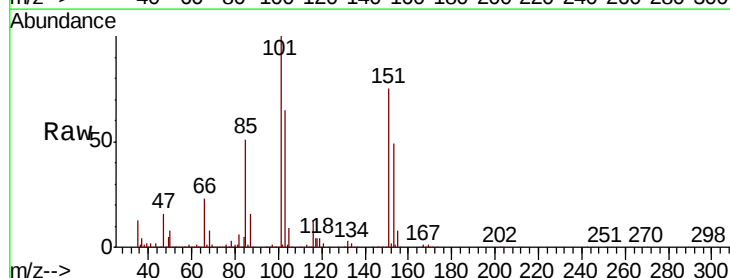
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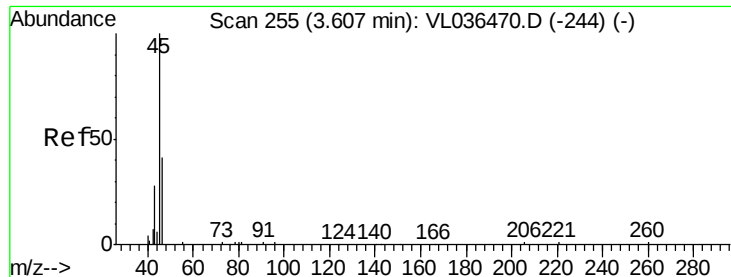
Reviewed By :Semsettin Yesilyurt 03/26/2021
 Supervised By :Mahesh Dadoda 03/29/2021



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.317 ppbv
 RT: 4.48 min Scan# 527
 Delta R.T. -0.00 min
 Lab File: VL036479.D
 Acq: 25 Mar 2021 9:05

Tgt Ion:101 Resp: 1580934
 Ion Ratio Lower Upper
 101 100
 151 73.4 60.9 91.3





#13

Ethanol

Concen: 8.076 ppbv m

RT: 3.61

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 25 Mar 2021 9:05

Tot Ion:

Ion Ratio

45 100

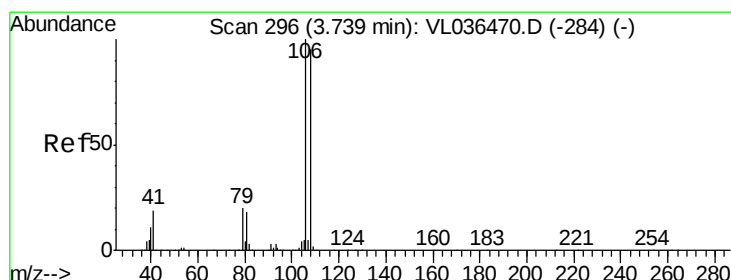
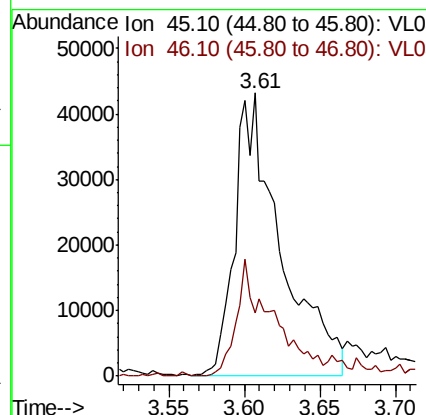
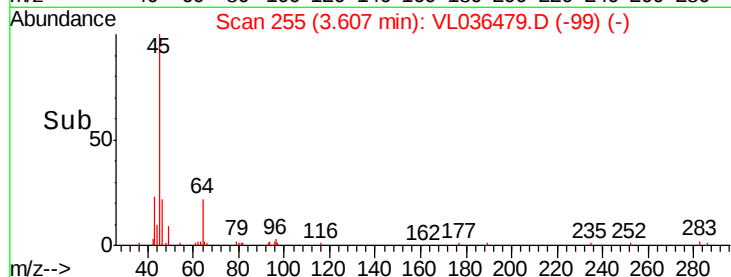
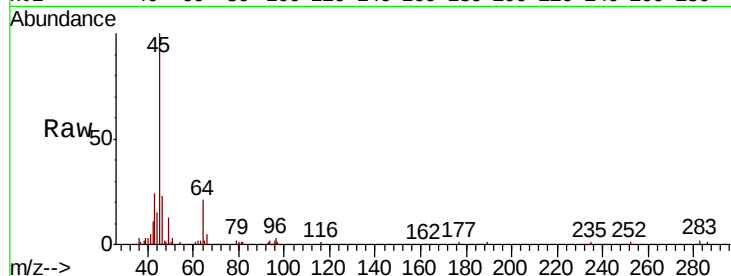
46 37.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/26/2021

Supervised By :Mahesh Dadoda 03/29/2021



#14

Bromoethene

Concen: 9.528 ppbv

RT: 3.74 min Scan# 295

Delta R.T. -0.00 min

Lab File: VL036479.D

Acq: 25 Mar 2021 9:05

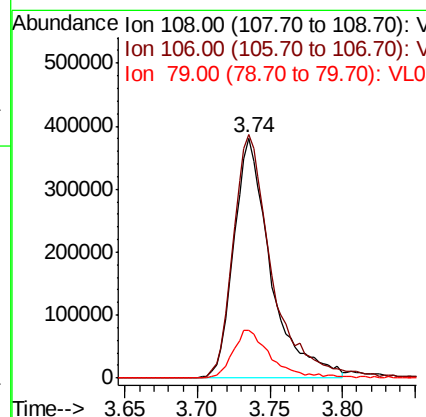
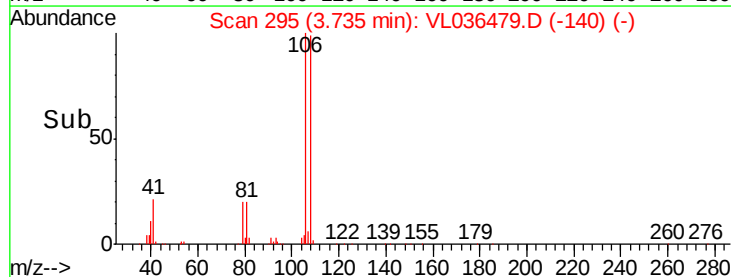
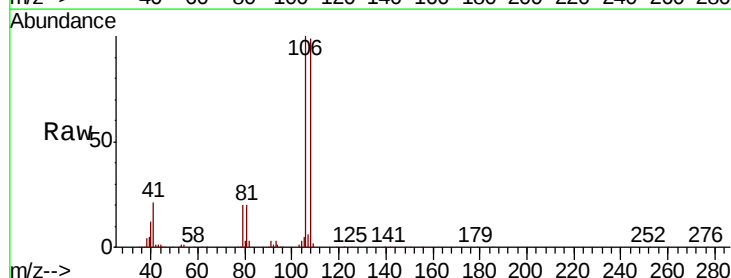
Tgt Ion:108 Resp: 672111

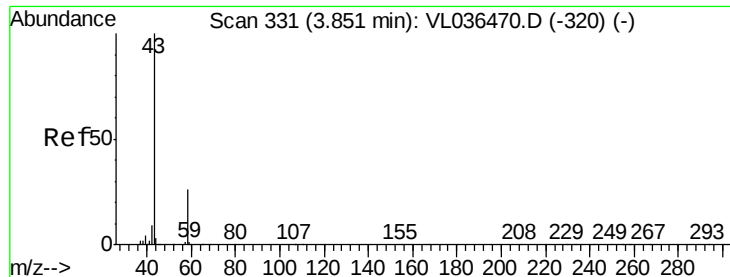
Ion Ratio Lower Upper

108 100

106 108.1 89.0 133.6

79 21.4 16.6 25.0





#15

Acetone

Concen: 8.167 ppbv

RT: 3.85

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 25 Mar 2021 9:05

Tot Ion:

Ion Ratio

43 100

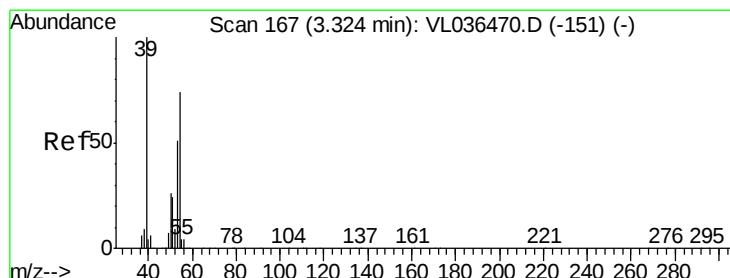
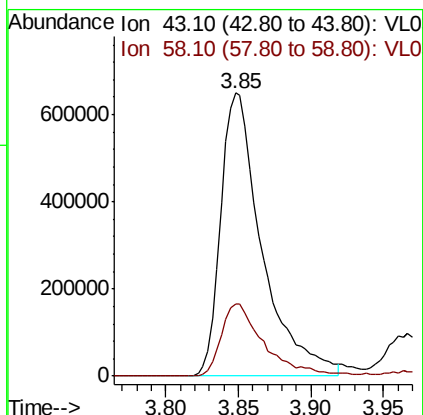
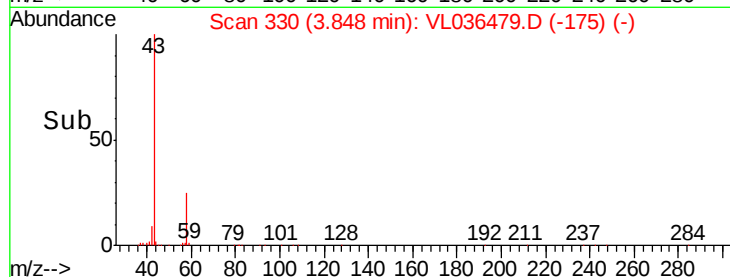
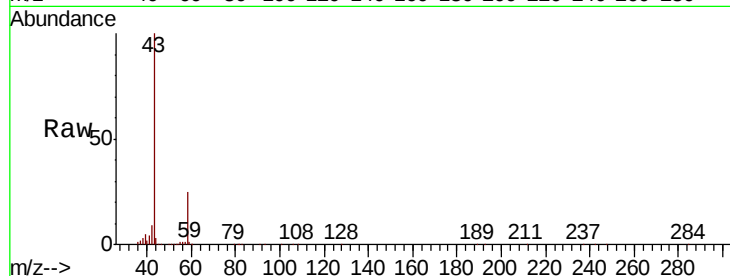
58 26.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/26/2021

Supervised By :Mahesh Dadoda 03/29/2021



#16

1,3-Butadiene

Concen: 9.229 ppbv

RT: 3.32 min Scan# 166

Delta R.T. -0.00 min

Lab File: VL036479.D

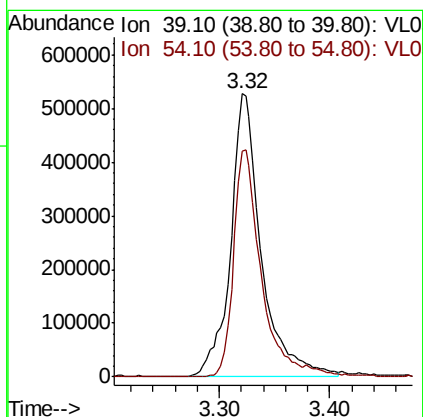
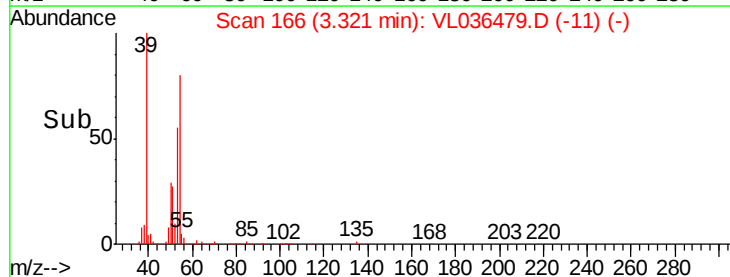
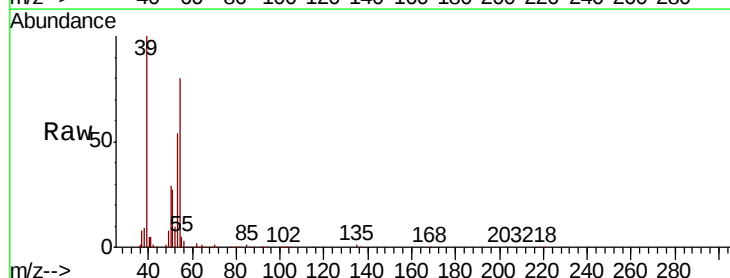
Acq: 25 Mar 2021 9:05

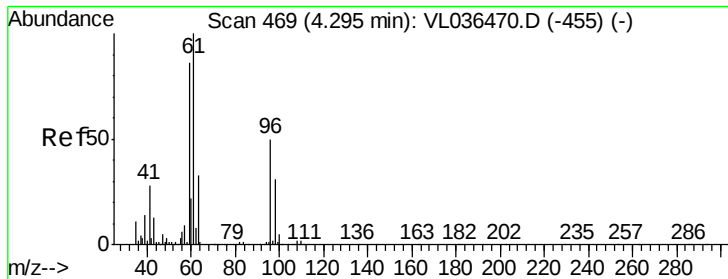
Tgt Ion: 39 Resp: 1009653

Ion Ratio Lower Upper

39 100

54 74.1 58.8 88.2





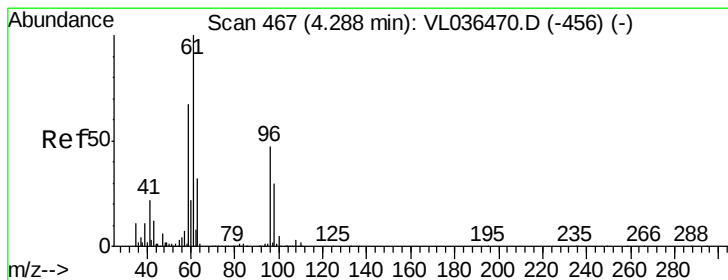
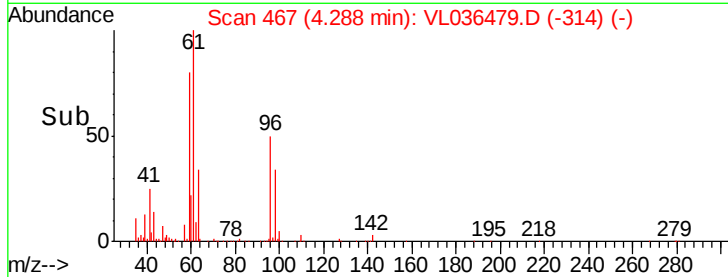
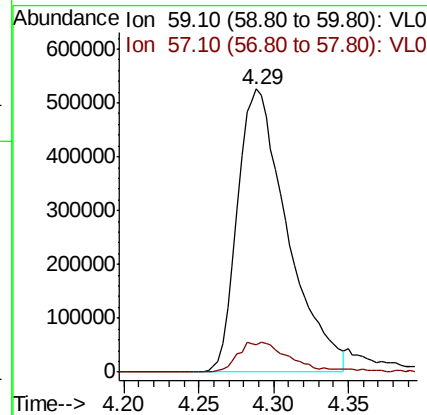
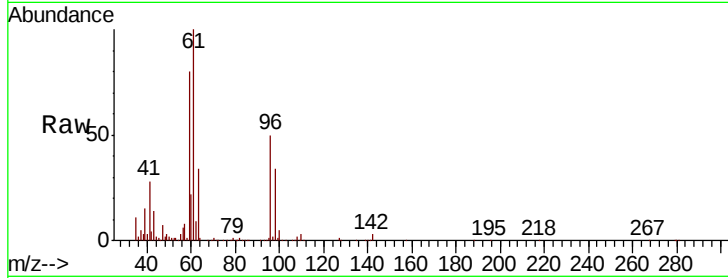
#17

tert-Butyl alcohol
Concen: 8.931 ppbv
RT: 4.29
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 25 Mar 2021 9:05

Tot Ion:
Ion Ratio
59 100
57 11.

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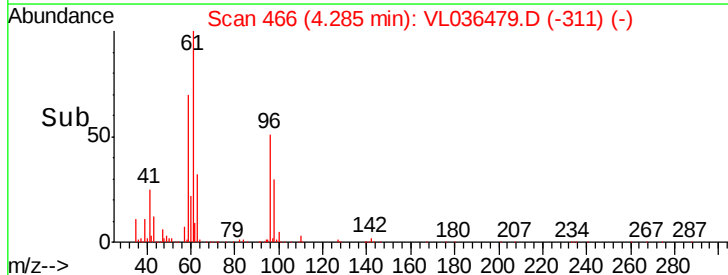
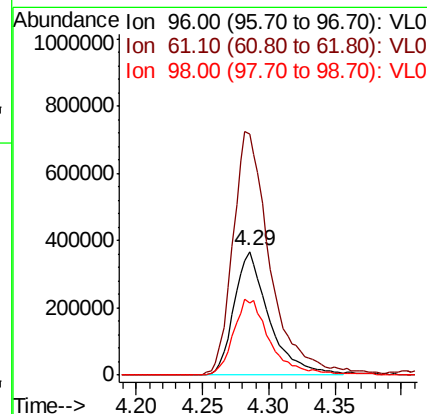
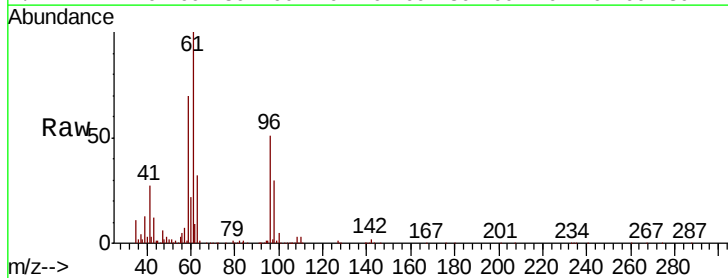
Reviewed By :Semsettin Yesilyurt 03/26/2021
Supervised By :Mahesh Dadoda 03/29/2021

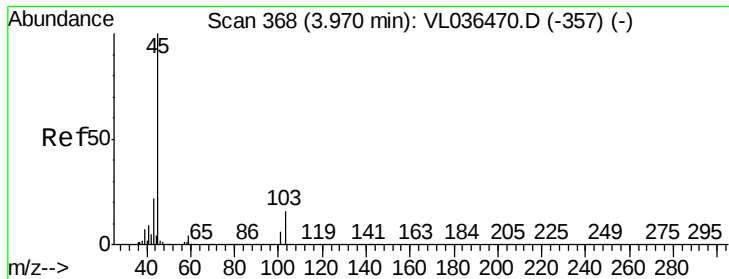


#18

1,1-Dichloroethene
Concen: 8.962 ppbv
RT: 4.29 min Scan# 466
Delta R.T. -0.00 min
Lab File: VL036479.D
Acq: 25 Mar 2021 9:05

Tgt Ion: 96 Resp: 676397
Ion Ratio Lower Upper
96 100
61 194.5 168.6 253.0
98 58.6 50.8 76.2



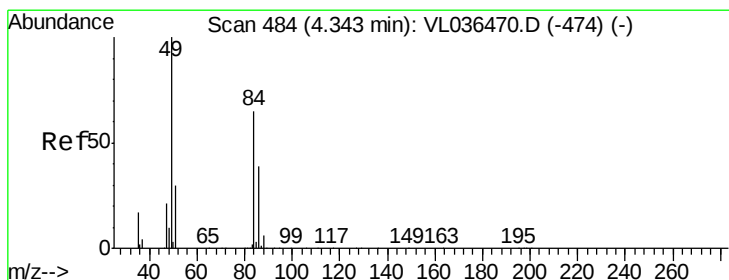
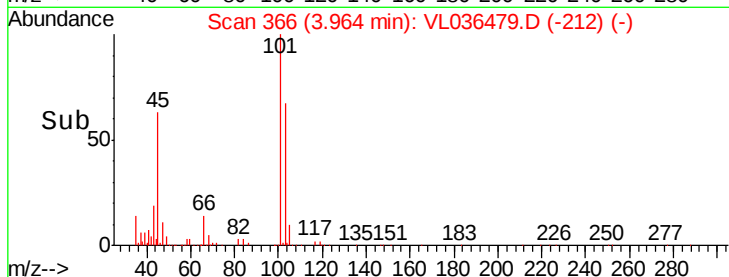
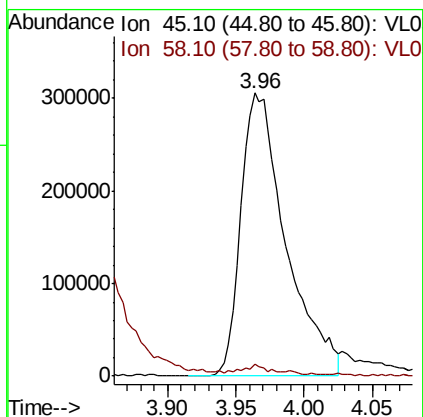
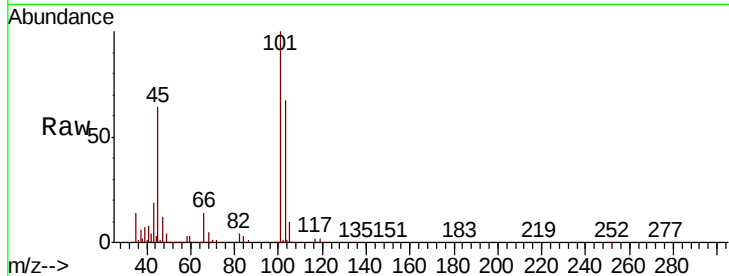


#19
Isopropyl Alcohol
Concen: 8.089 ppbv
RT: 3.96
Delta R.T. MSVOA_L
Lab File: ClientSampleId : VL0325ABS01
Acq: 25 Mar 2021 9:05

Tot Ion:
Ion Ratio
45 100
58 3.

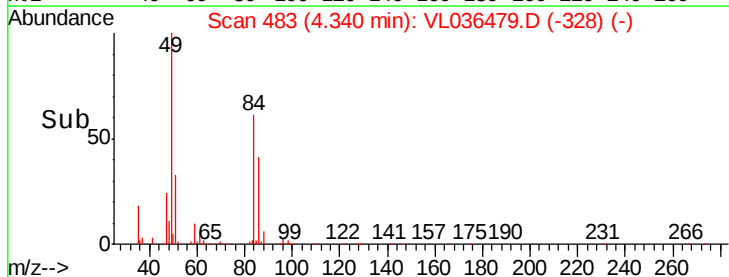
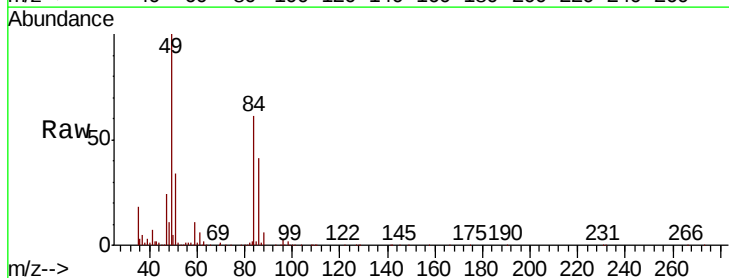
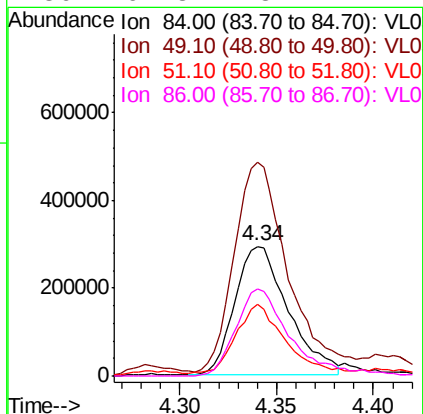
Manual Integrations
APPROVED

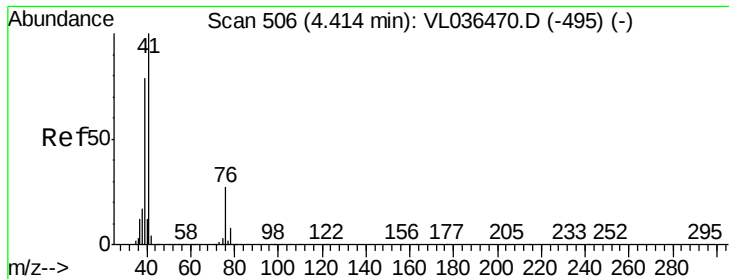
Reviewed By :Semsettin Yesilyurt 03/26/2021
Supervised By :Mahesh Dadoda 03/29/2021



#20
Methylene Chloride
Concen: 7.628 ppbv
RT: 4.34 min Scan# 483
Delta R.T. -0.00 min
Lab File: VL036479.D
Acq: 25 Mar 2021 9:05

Tgt Ion: 84 Resp: 561235
Ion Ratio Lower Upper
84 100
49 162.5 122.9 184.3
51 53.8 36.9 55.3
86 67.3 48.2 72.4





#21

Allvl Chloride

Concen: 9.106 ppbv

RT: 4.41 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 25 Mar 2021 9:05

Tot Ion:

Ion Ratio

41 100

76 28.

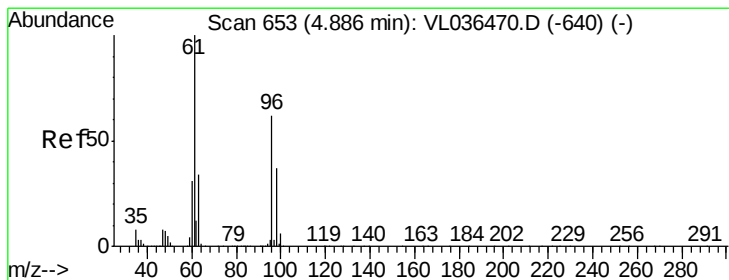
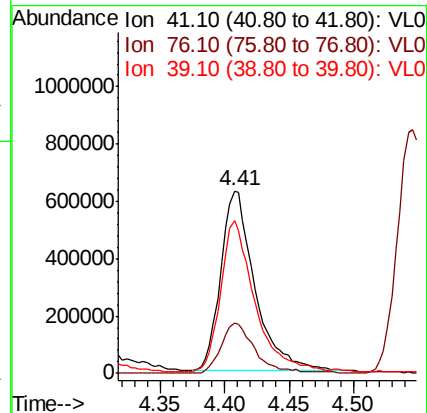
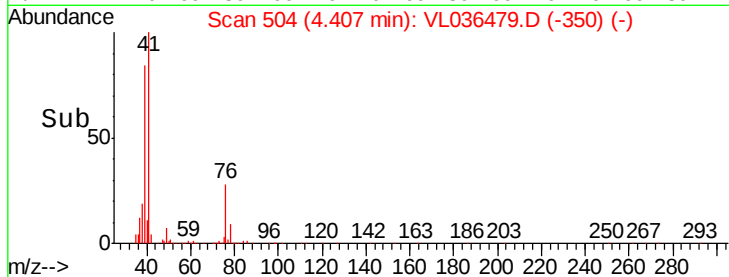
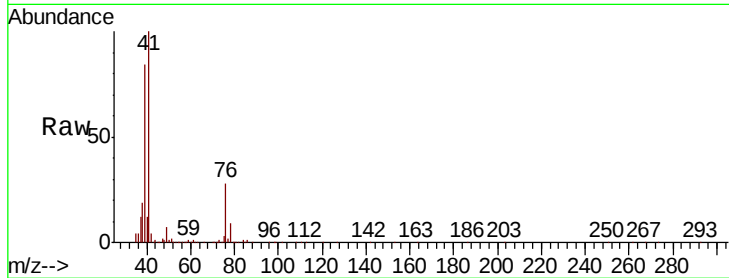
39 86.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/26/2021

Supervised By :Mahesh Dadoda 03/29/2021



#22

trans-1,2-Dichloroethene

Concen: 9.107 ppbv

RT: 4.88 min Scan# 651

Delta R.T. -0.01 min

Lab File: VL036479.D

Acq: 25 Mar 2021 9:05

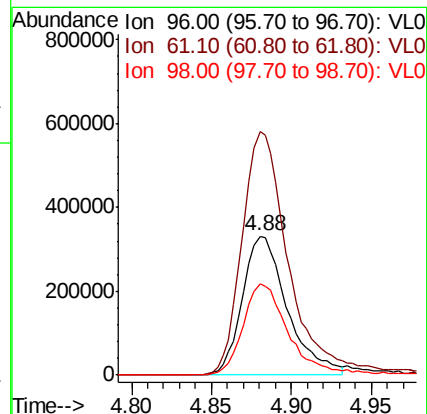
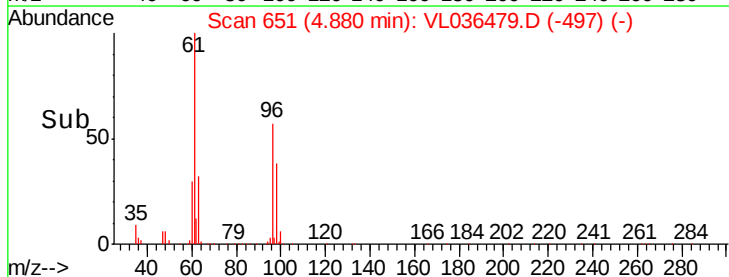
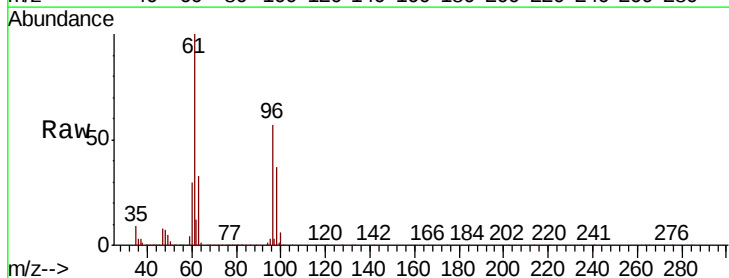
Tgt Ion: 96 Resp: 637263

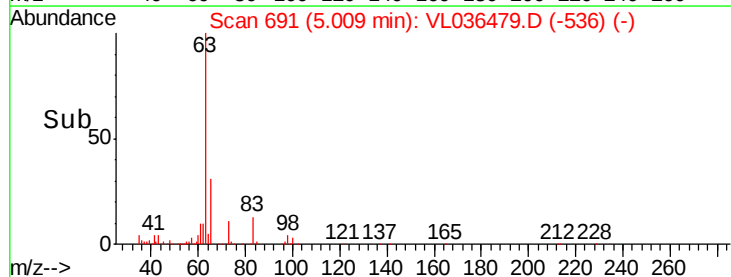
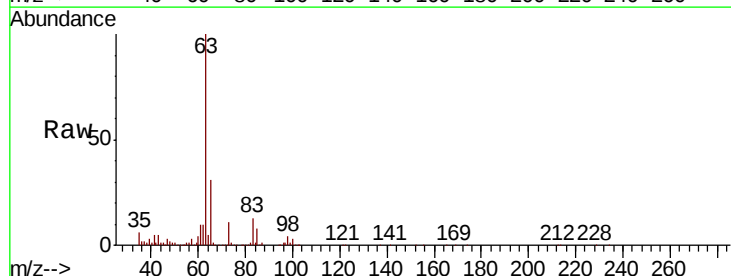
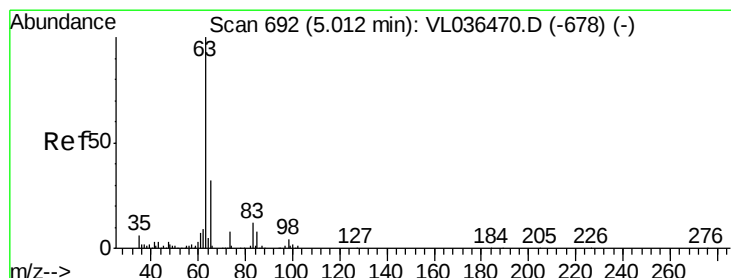
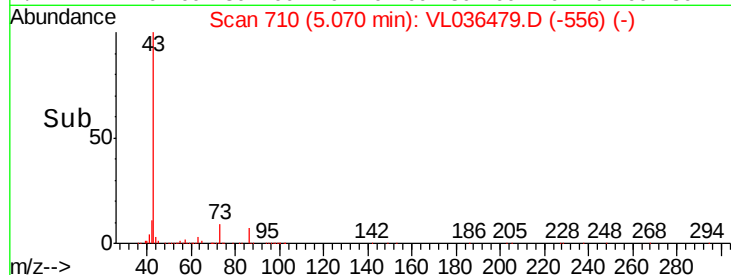
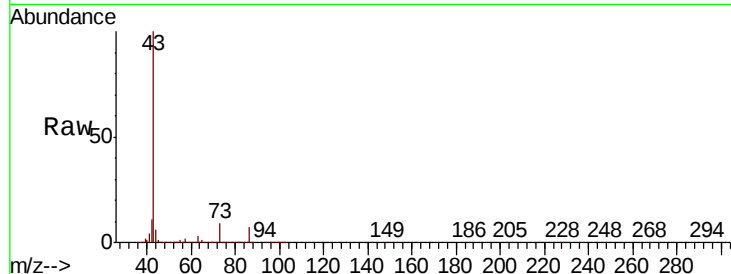
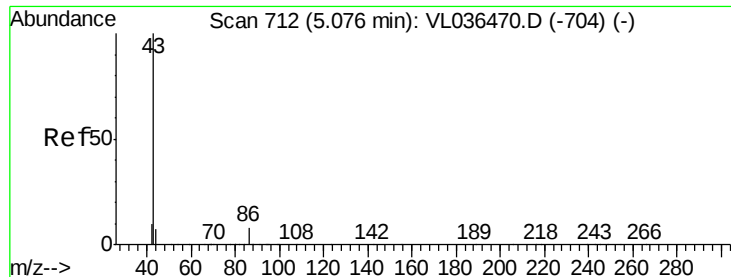
Ion Ratio Lower Upper

96 100

61 175.3 129.4 194.0

98 65.6 48.2 72.4



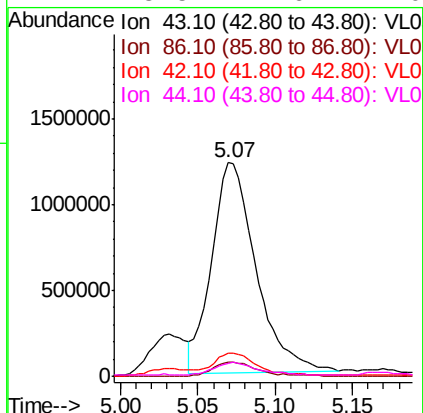


#23
 Vinyl Acetate
 Concen: 9.124 ppbv
 RT: 5.07
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 25 Mar 2021 9:05

Tot Ion:
 Ion Ratio
 43 100
 86 6.
 42 10.
 44 5.5 4.6 7.0

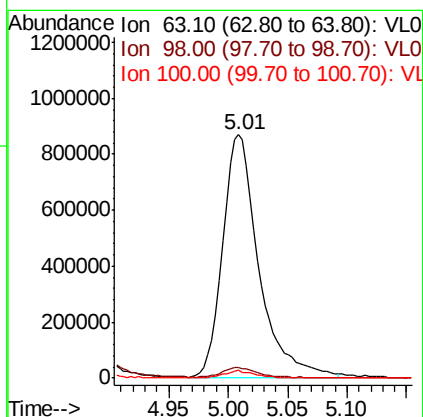
Manual Integrations
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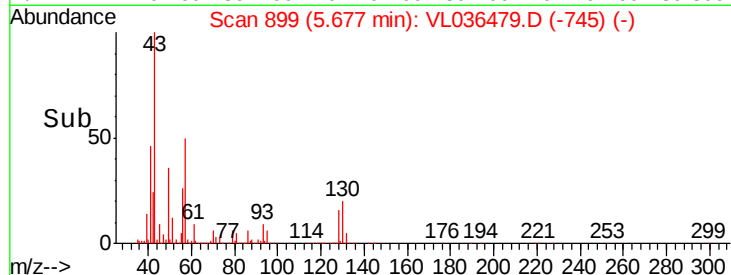
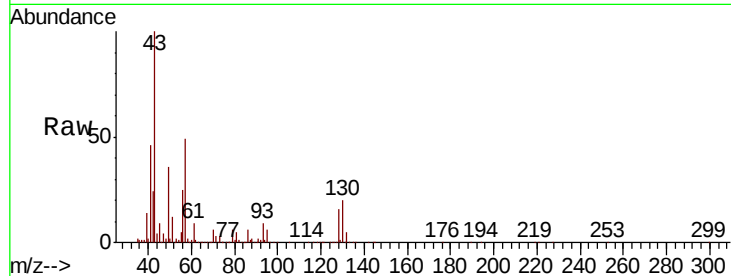
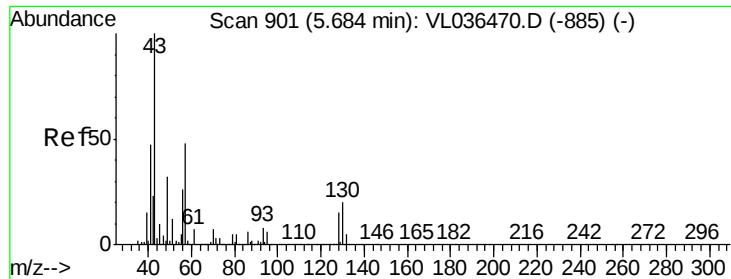
Reviewed By :Semsettin Yesilyurt 03/26/2021
 Supervised By :Mahesh Dadoda 03/29/2021



#24
 1,1-Dichloroethane
 Concen: 9.227 ppbv
 RT: 5.01 min Scan# 691
 Delta R.T. -0.00 min
 Lab File: VL036479.D
 Acq: 25 Mar 2021 9:05

Tgt Ion: 63 Resp: 1807818
 Ion Ratio Lower Upper
 63 100
 98 4.0 2.1 6.2
 100 3.1 0.9 2.8#



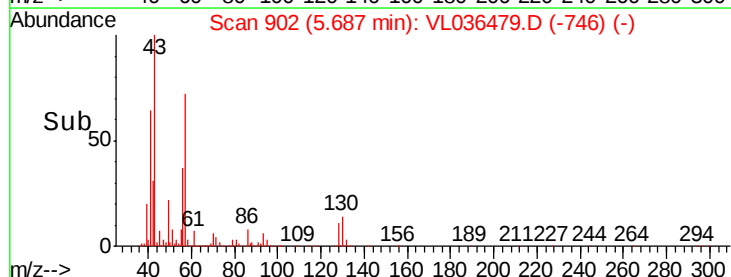
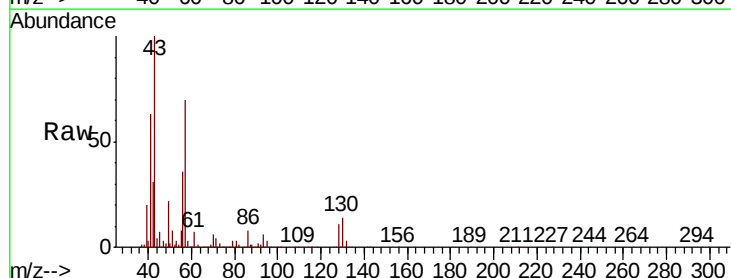
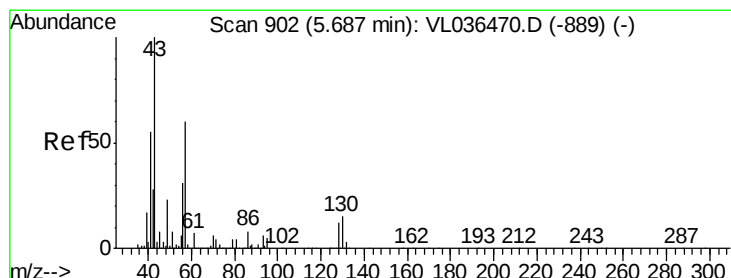
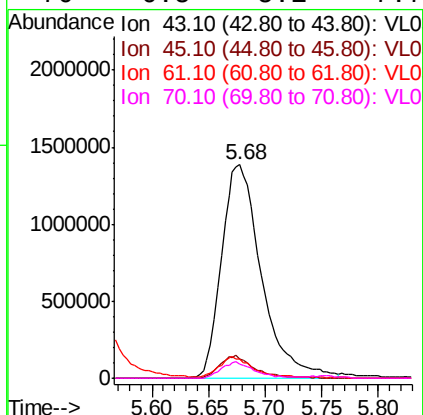


#25
Ethyl Acetate
Concen: 9.077 ppbv
RT: 5.68
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId : VL0325ABS01
Acq: 25 Mar 2021 9:05

Tot Ion:
Ion Ratio
43 100
45 9.
61 8.
70 6.5 5.1 7.7

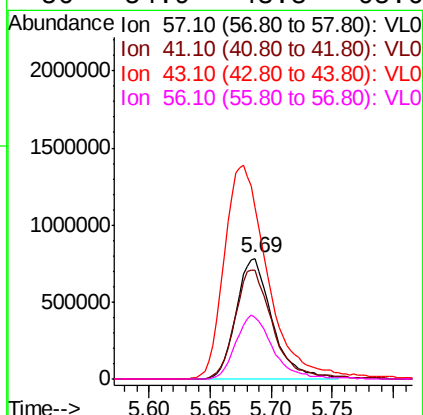
Manual Integrations
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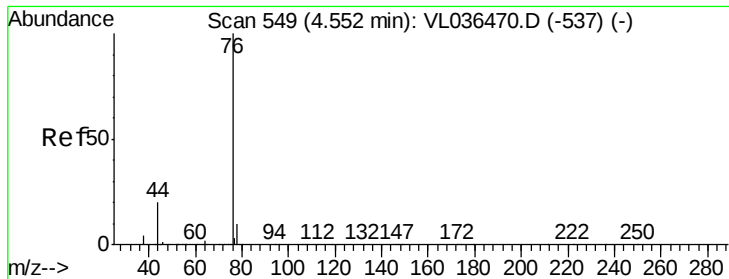
Reviewed By :Semsettin Yesilyurt 03/26/2021
Supervised By :Mahesh Dadoda 03/29/2021



#26
Hexane
Concen: 9.202 ppbv
RT: 5.69 min Scan# 902
Delta R.T. -0.00 min
Lab File: VL036479.D
Acq: 25 Mar 2021 9:05

Tgt Ion: 57 Resp: 1595362
Ion Ratio Lower Upper
57 100
41 96.3 77.2 115.8
43 216.2 173.8 260.6
56 54.9 43.8 65.6





#27

Carbon Disulfide

Concen: 10.033 ppbv

RT: 4.55 Instrument: MSVOA_1

Delta R.T.

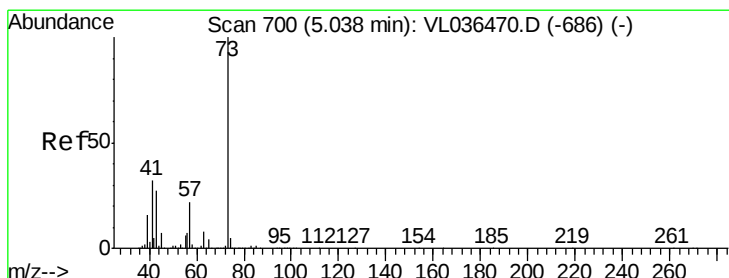
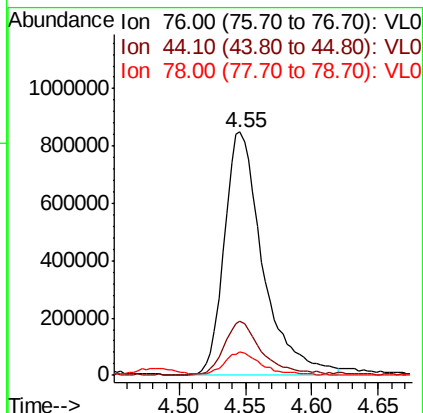
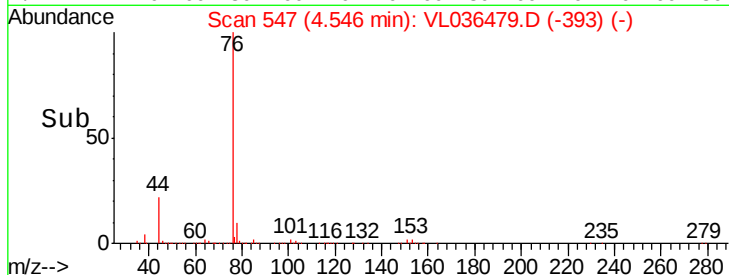
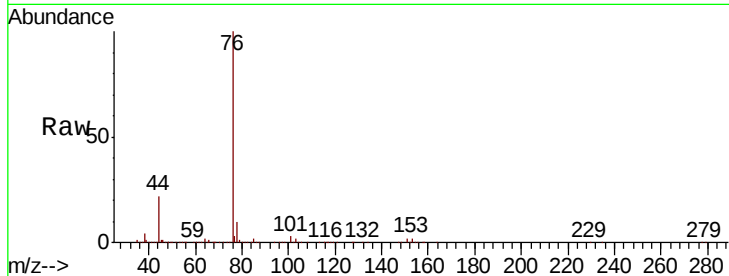
Lab File: ClientSampleId:

Acq: 25 Mar 2021 9:05

Tot Ion:
Ion Ratio
76 100
44 21.
78 9.

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



#28

Methyl tert-Butyl Ether

Concen: 9.154 ppbv

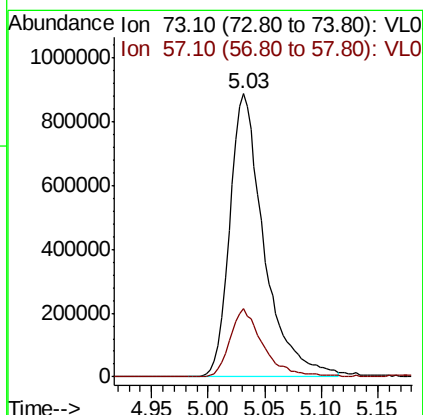
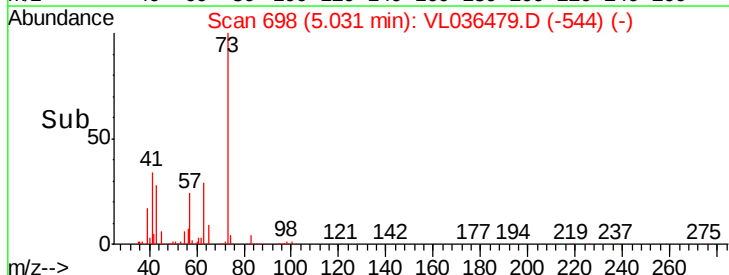
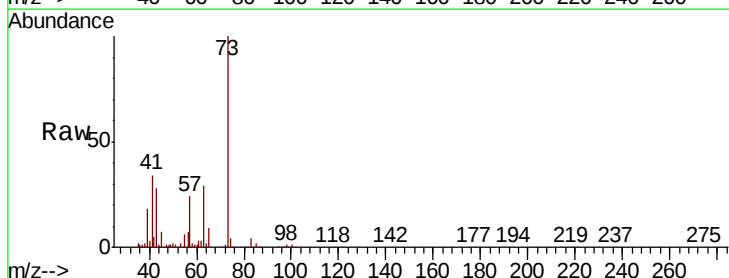
RT: 5.03 min Scan# 698

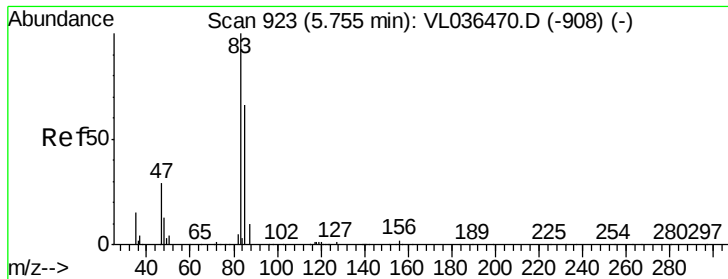
Delta R.T. -0.01 min

Lab File: VL036479.D

Acq: 25 Mar 2021 9:05

Tgt Ion: 73 Resp: 1871724
Ion Ratio Lower Upper
73 100
57 23.6 18.5 27.7



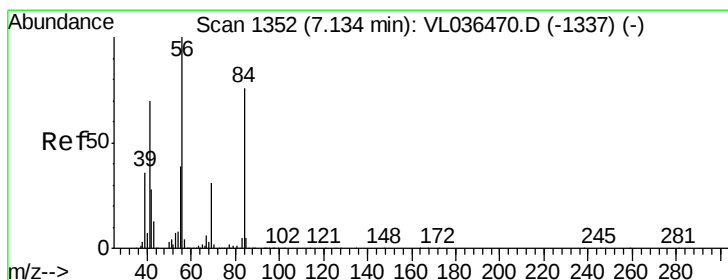
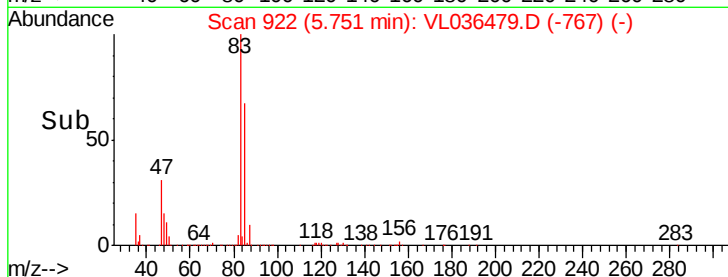
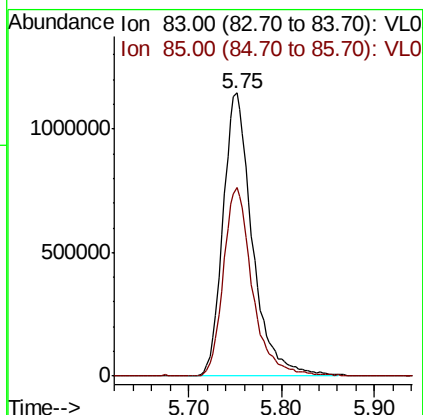
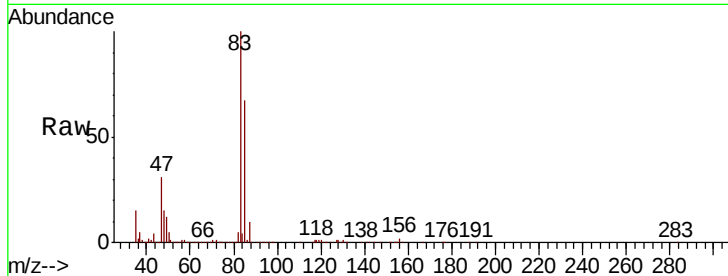


#29
Chloroform
Concen: 9.075 ppbv
RT: 5.75
Delta R.T.: MSVOA_L
Lab File: ClientSampleId : VL0325ABS01
Acq: 25 Mar 2021 9:05

Tot Ion:
Ion Ratio
83 100
85 66.

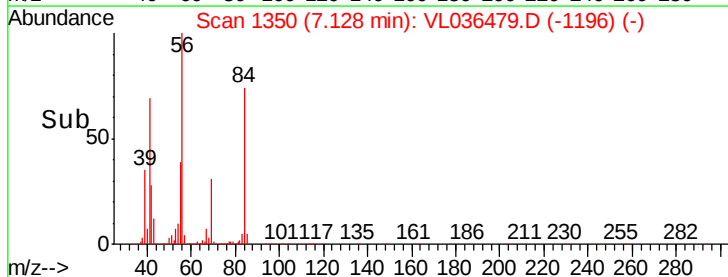
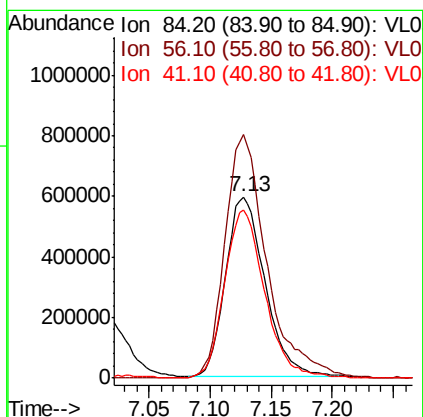
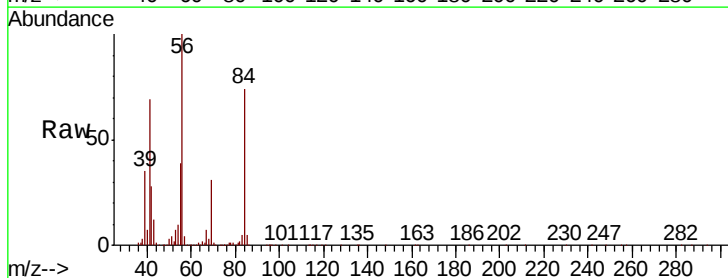
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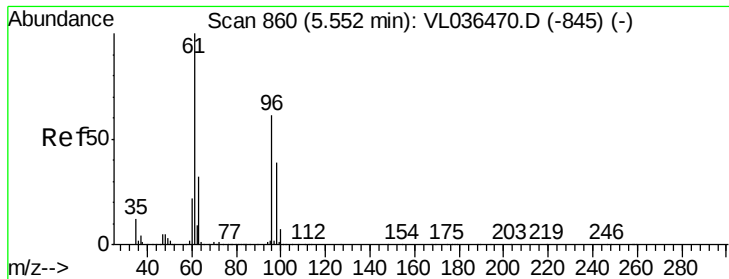
Reviewed By :Semsettin Yesilyurt 03/26/2021
Supervised By :Mahesh Dadoda 03/29/2021



#30
Cyclohexane
Concen: 9.526 ppbv
RT: 7.13 min Scan# 1350
Delta R.T.: -0.01 min
Lab File: VL036479.D
Acq: 25 Mar 2021 9:05

Tgt Ion: 84 Resp: 1339485
Ion Ratio Lower Upper
84 100
56 144.6 114.6 171.8
41 95.5 75.3 112.9



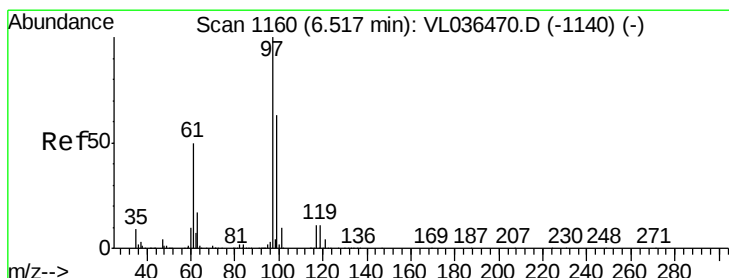
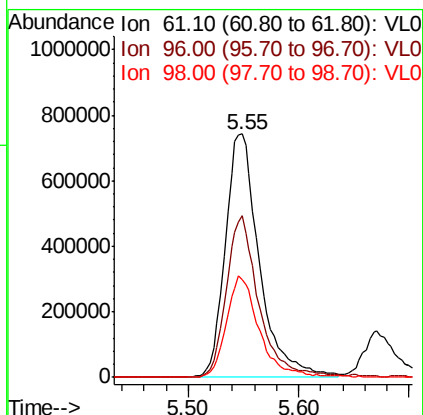
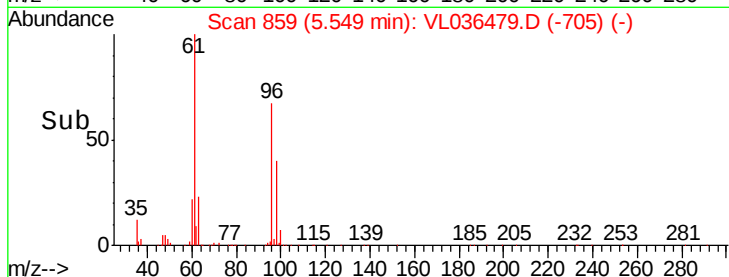
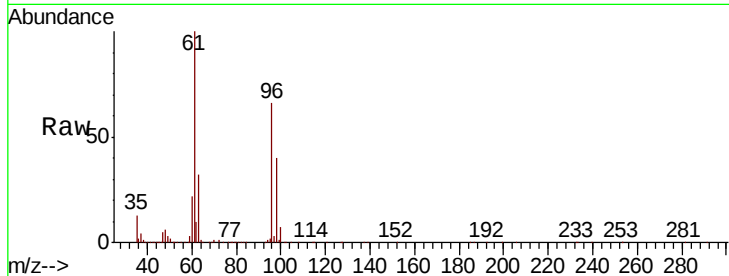


#31
 cis-1,2-Dichloroethene
 Concen: 9.478 ppbv
 RT: 5.55
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 25 Mar 2021 9:05

Tot Ion:
 Ion Ratio
 61 100
 96 66.
 98 39.

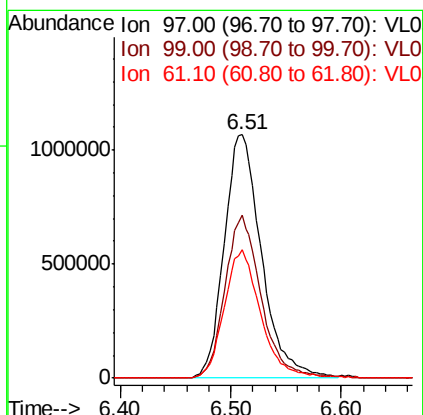
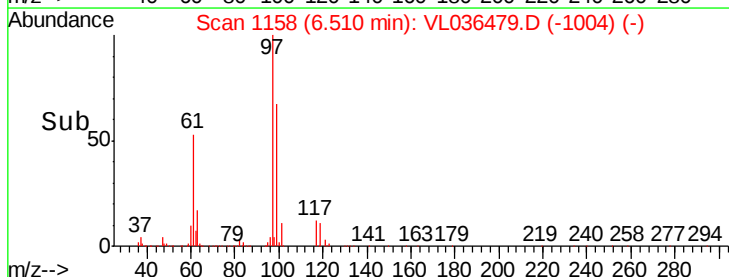
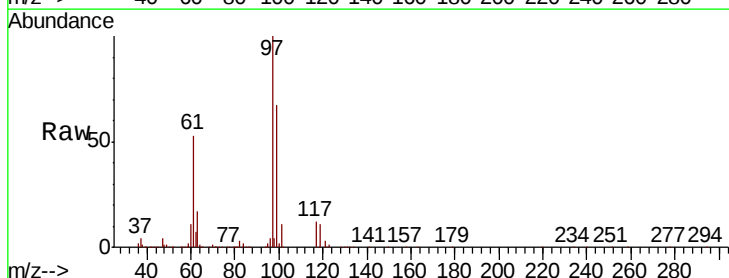
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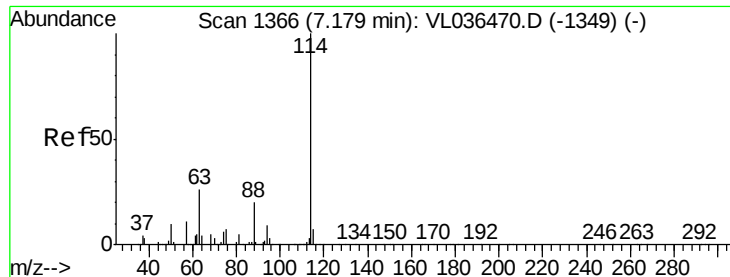
Reviewed By :Semsettin Yesilyurt 03/26/2021
 Supervised By :Mahesh Dadoda 03/29/2021



#32
 1,1,1-Trichloroethane
 Concen: 8.882 ppbv
 RT: 6.51 min Scan# 1158
 Delta R.T. -0.01 min
 Lab File: VL036479.D
 Acq: 25 Mar 2021 9:05

Tgt Ion: 97 Resp: 2481905
 Ion Ratio Lower Upper
 97 100
 99 65.6 51.4 77.0
 61 52.1 40.6 60.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.17

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 25 Mar 2021 9:05

Tot Ion:1

Ion Rati

114 100

63 27.

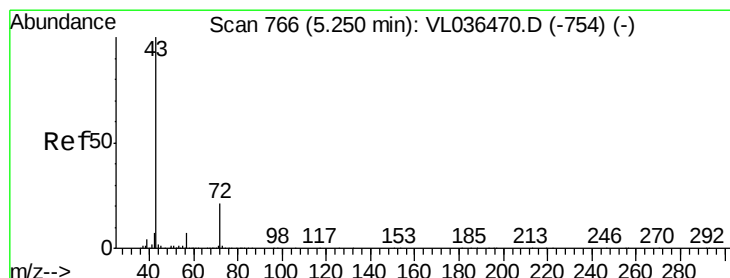
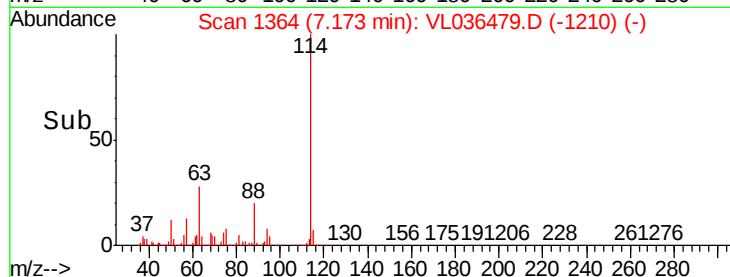
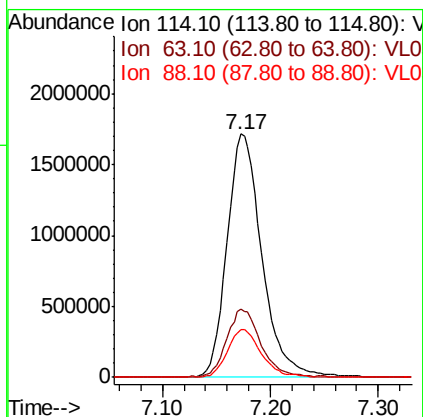
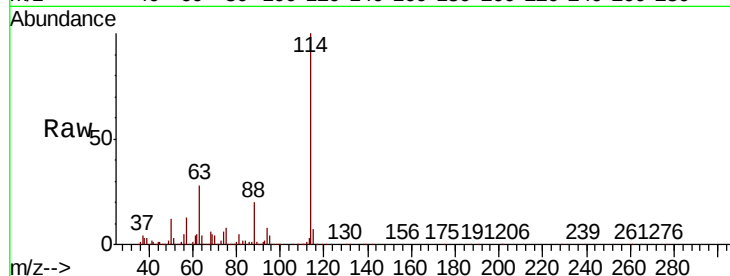
88 19.

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Reviewed By :Semsettin Yesilyurt 03/26/2021

Supervised By :Mahesh Dadoda 03/29/2021



#34

2-Butanone

Concen: 9.092 ppbv

RT: 5.24 min Scan# 764

Delta R.T. -0.01 min

Lab File: VL036479.D

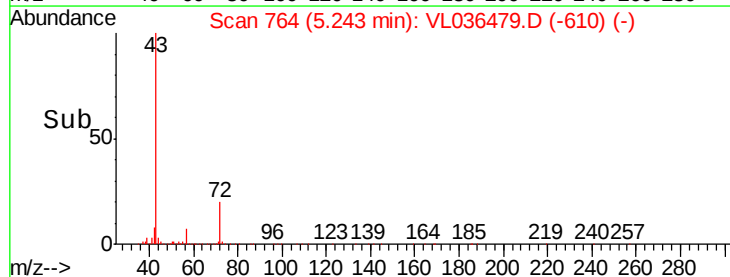
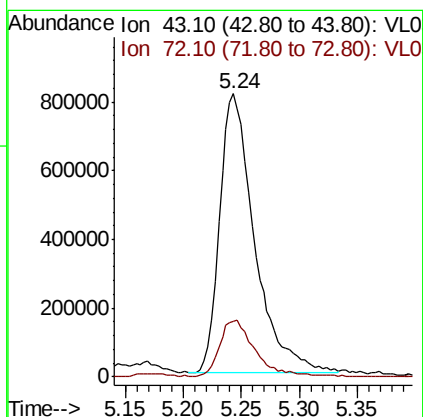
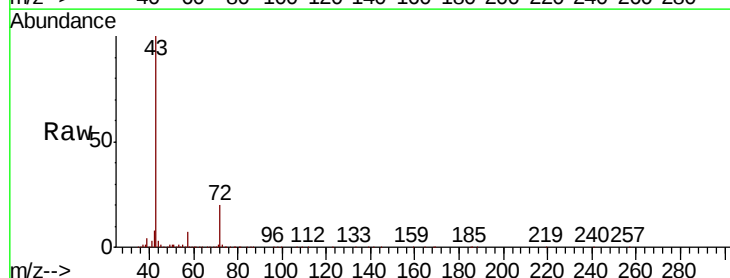
Acq: 25 Mar 2021 9:05

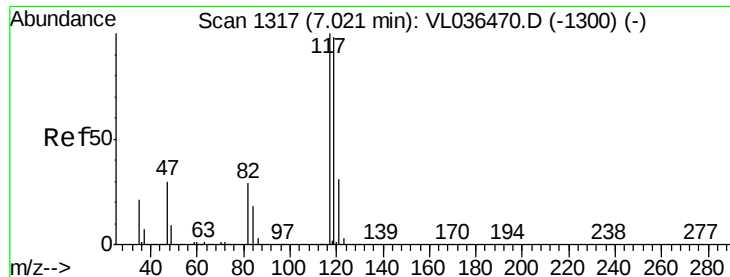
Tgt Ion: 43 Resp: 1714811

Ion Ratio Lower Upper

43 100

72 20.6 17.0 25.6



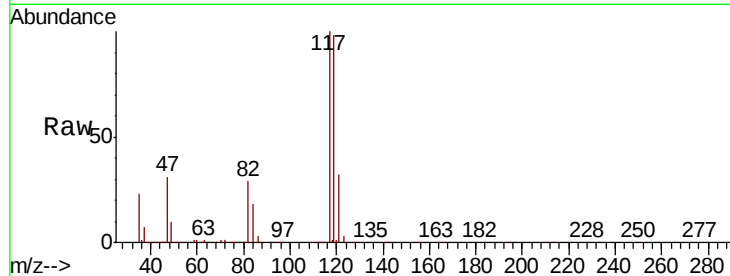


#35
Carbon Tetrachloride
Concen: 8.825 ppbv
RT: 7.02
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId : VL0325ABS01
Acq: 25 Mar 2021 9:05

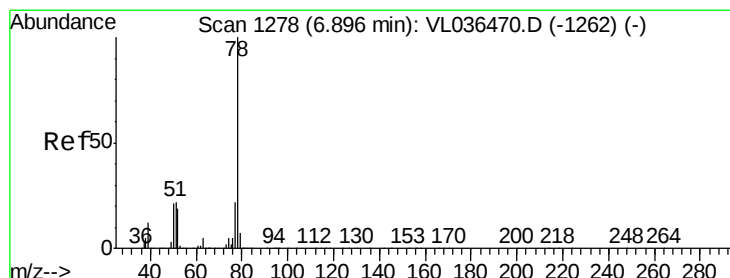
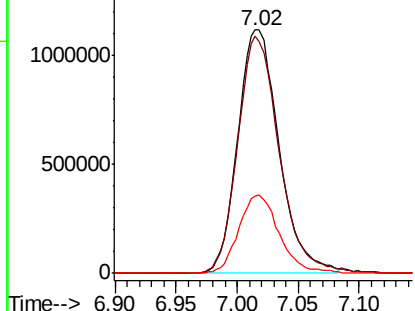
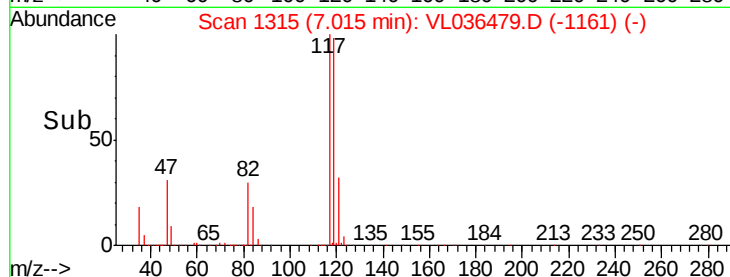
Tot Ion:1
Ion Rati
117 100
119 97.
121 31.

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

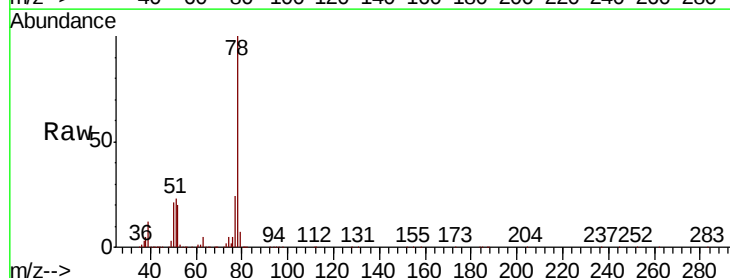


Abundance Ion 117.00 (116.70 to 117.70): V
1500000
Ion 119.00 (118.70 to 119.70): V
Ion 121.00 (120.70 to 121.70): V

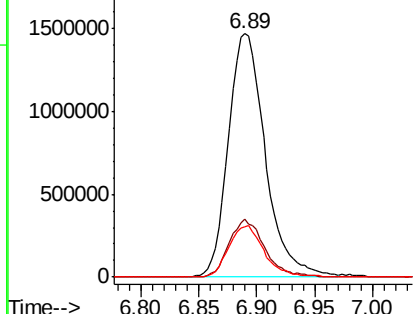
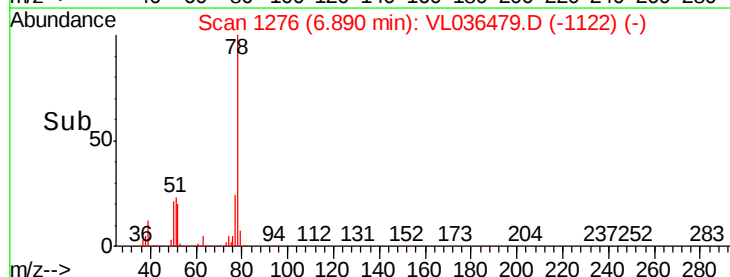


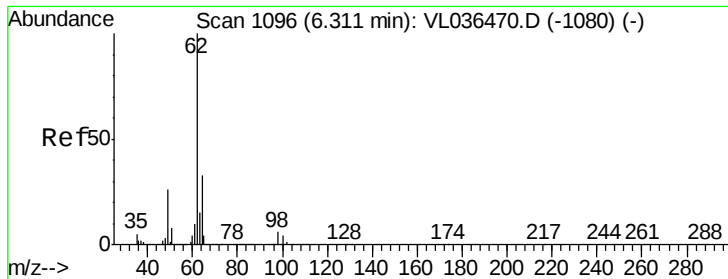
#36
Benzene
Concen: 9.117 ppbv
RT: 6.89 min Scan# 1276
Delta R.T. -0.01 min
Lab File: VL036479.D
Acq: 25 Mar 2021 9:05

Tgt Ion: 78 Resp: 3248959
Ion Ratio Lower Upper
78 100
77 23.6 18.0 27.0
50 20.6 16.5 24.7



Abundance Ion 78.10 (77.80 to 78.80): VL0
2000000
Ion 77.10 (76.80 to 77.80): VL0
Ion 50.10 (49.80 to 50.80): VL0



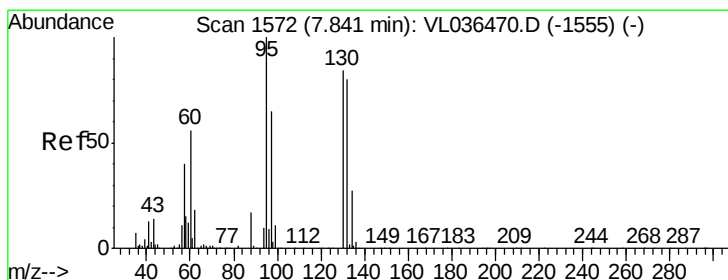
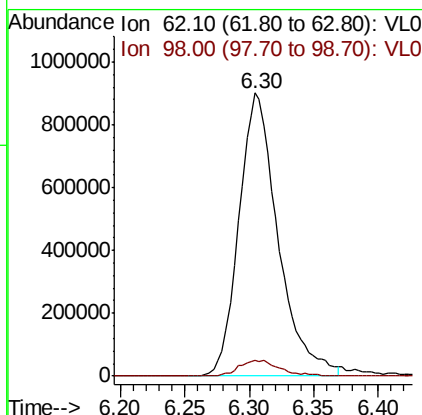
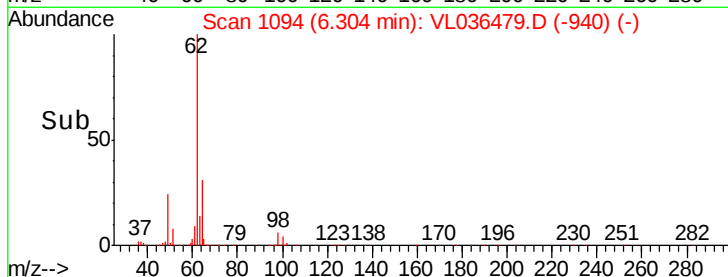
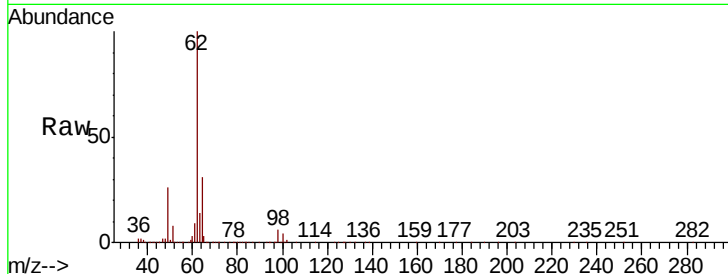


#37
 1,2-Dichloroethane
 Concen: 9.075 ppbv
 RT: 6.30
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL0325ABS01
 Acq: 25 Mar 2021 9:05

Tot Ion:
 Ion Ratio
 62 100
 98 6.

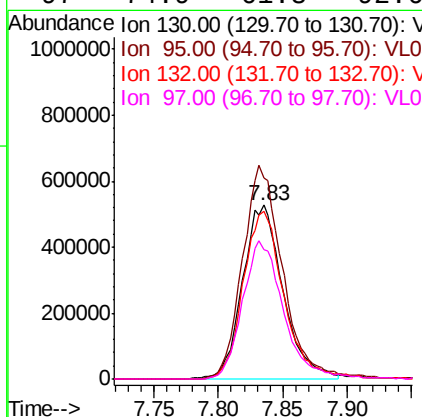
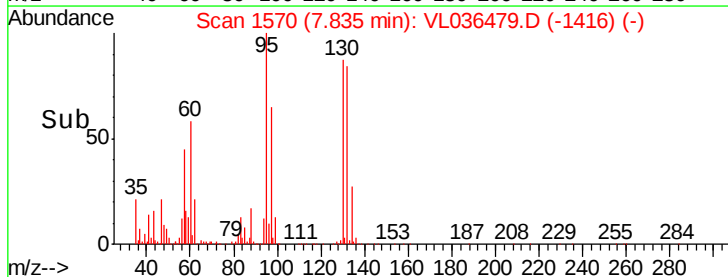
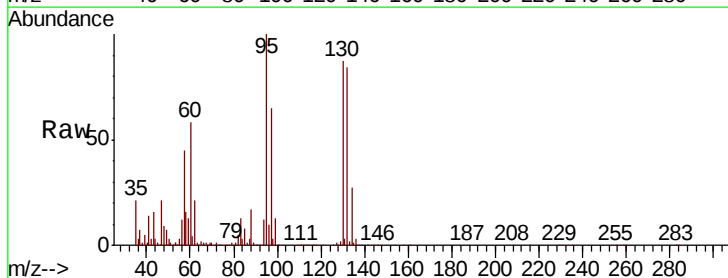
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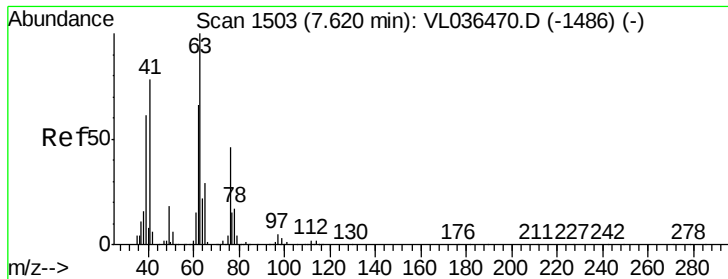
Reviewed By :Semsettin Yesilyurt 03/26/2021
 Supervised By :Mahesh Dadoda 03/29/2021



#38
 Trichloroethene
 Concen: 8.273 ppbv
 RT: 7.83 min Scan# 1570
 Delta R.T. -0.01 min
 Lab File: VL036479.D
 Acq: 25 Mar 2021 9:05

Tgt Ion:130 Resp: 1147325
 Ion Ratio Lower Upper
 130 100
 95 115.7 95.7 143.5
 132 96.8 76.2 114.4
 97 74.9 61.8 92.6



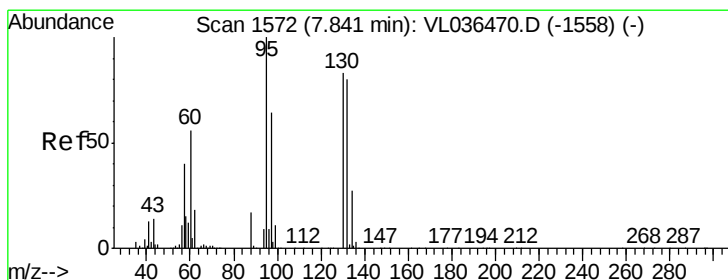
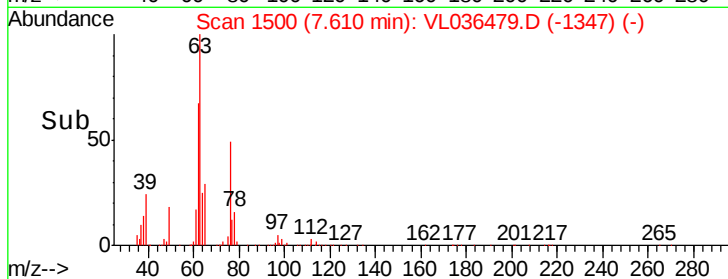
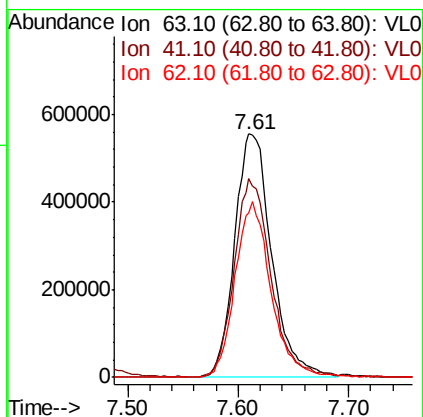
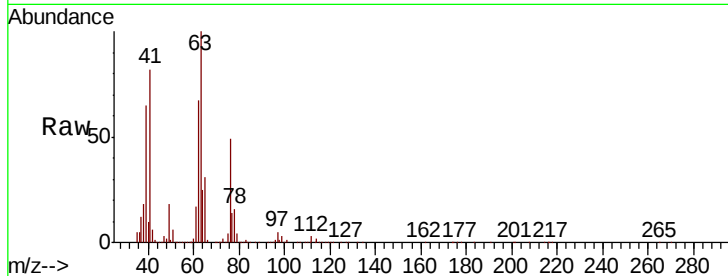


#39
 1,2-Dichloropropane
 Concen: 8.973 ppbv
 RT: 7.61
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VL0325ABS01
 Acq: 25 Mar 2021 9:05

Tot Ion:
 Ion Ratio
 63 100
 41 81.
 62 67.

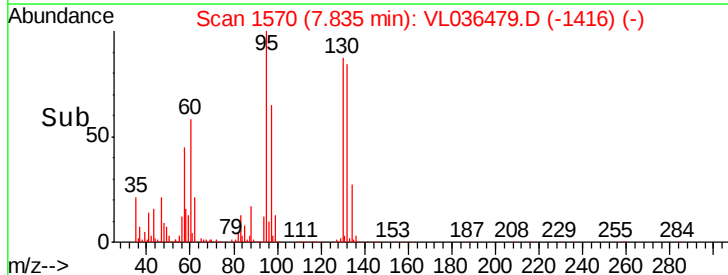
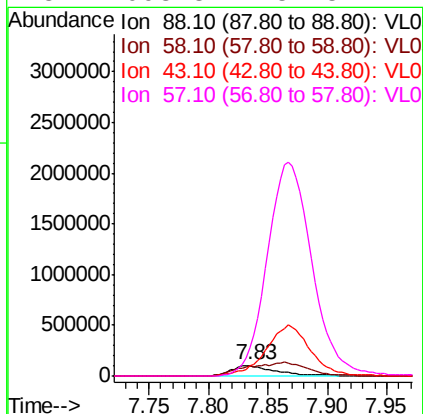
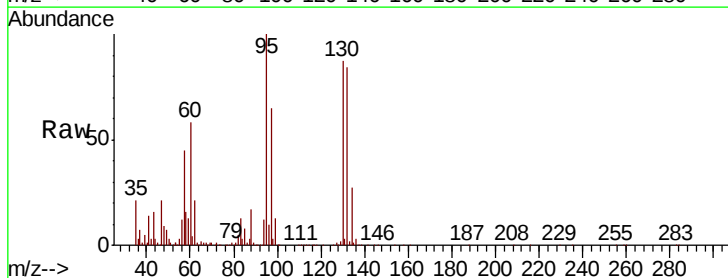
Manual Integrations
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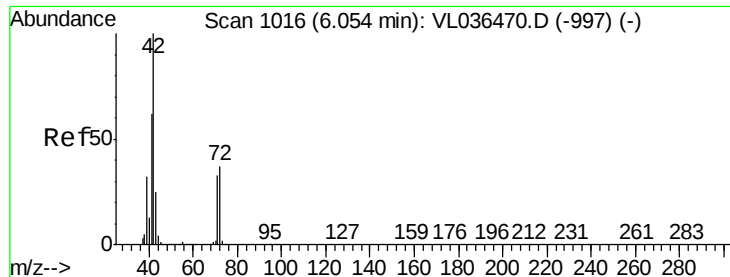
Reviewed By :Semsettin Yesilyurt 03/26/2021
 Supervised By :Mahesh Dadoda 03/29/2021



#40
 1,4-Dioxane
 Concen: 7.836 ppbv
 RT: 7.83 min Scan# 1570
 Delta R.T. -0.01 min
 Lab File: VL036479.D
 Acq: 25 Mar 2021 9:05

Tgt Ion: 88 Resp: 263623
 Ion Ratio Lower Upper
 88 100
 58 181.8 134.1 201.1
 43 493.7 346.6 520.0
 57 2098.8 1481.8 2222.8





#41

Tetrahydrofuran

Concen: 9.270 ppbv

RT: 6.05

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 25 Mar 2021 9:05

Tot Ion:

Ion Ratio

42 100

72 35.

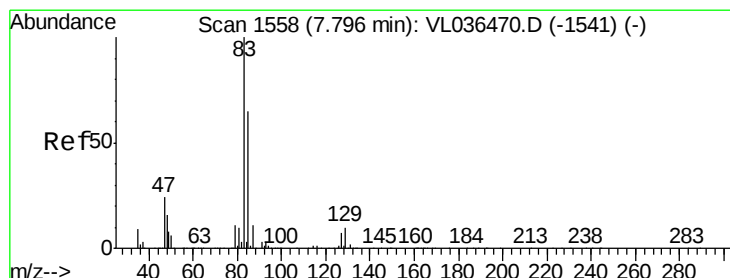
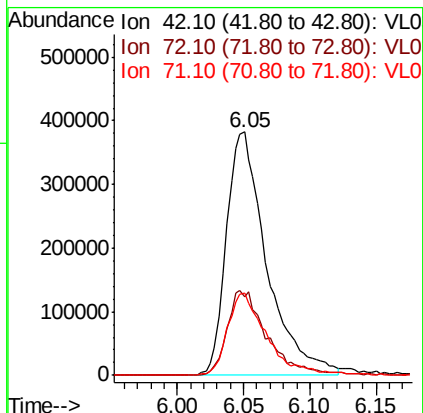
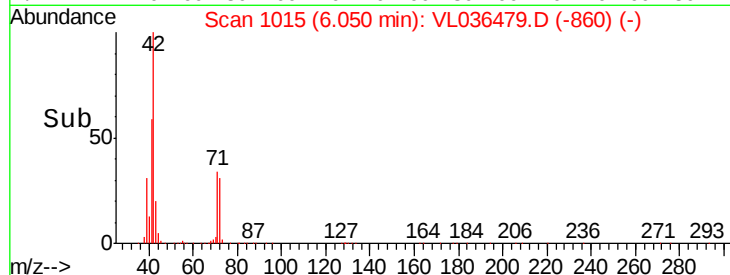
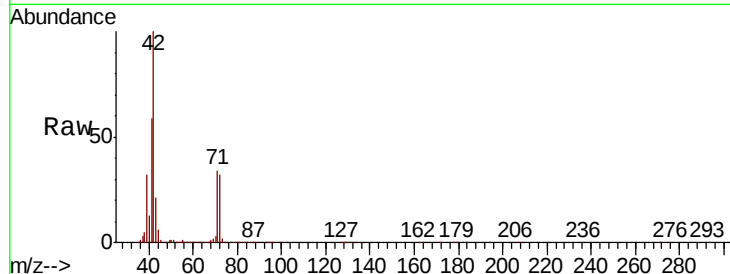
71 33.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/26/2021

Supervised By :Mahesh Dadoda 03/29/2021



#42

Bromodichloromethane

Concen: 9.336 ppbv

RT: 7.79 min Scan# 1556

Delta R.T. -0.01 min

Lab File: VL036479.D

Acq: 25 Mar 2021 9:05

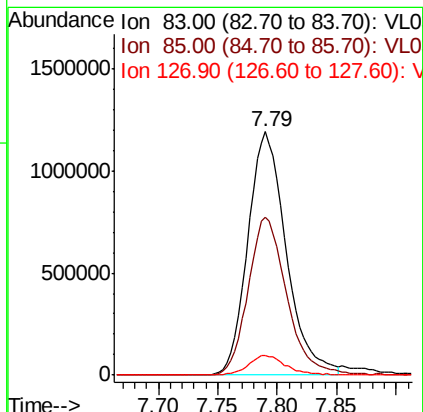
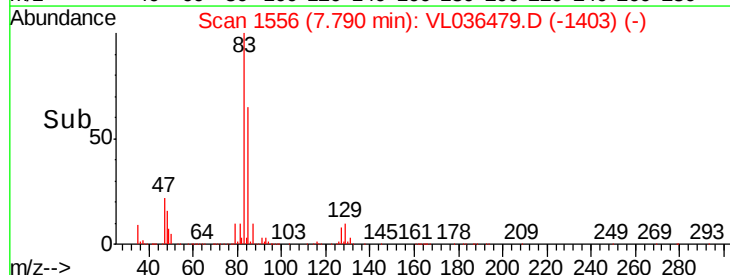
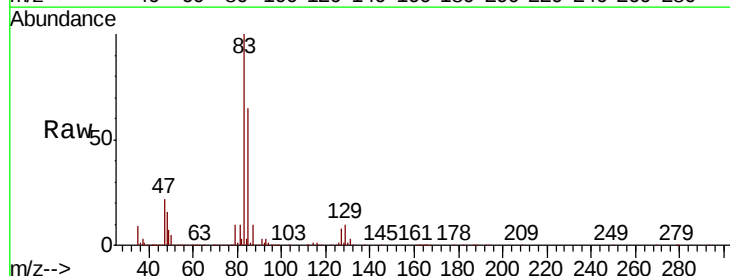
Tgt Ion: 83 Resp: 2663480

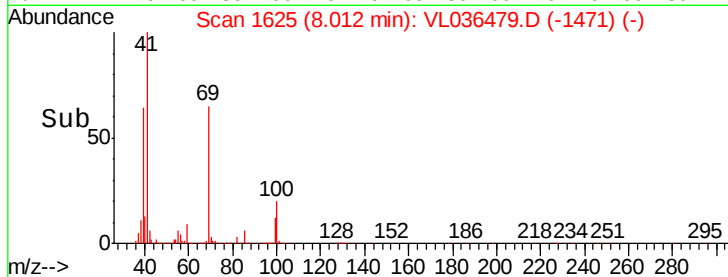
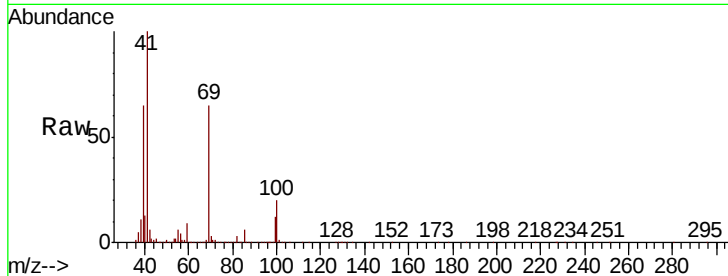
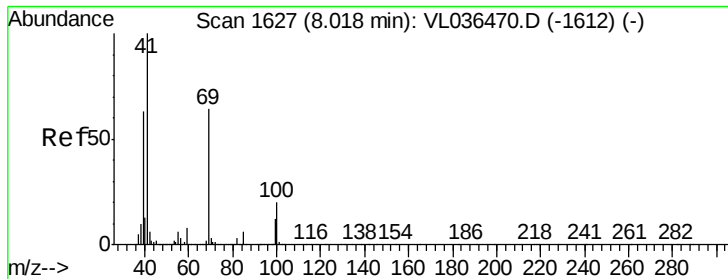
Ion Ratio Lower Upper

83 100

85 65.1 51.8 77.6

127 8.1 5.8 8.8



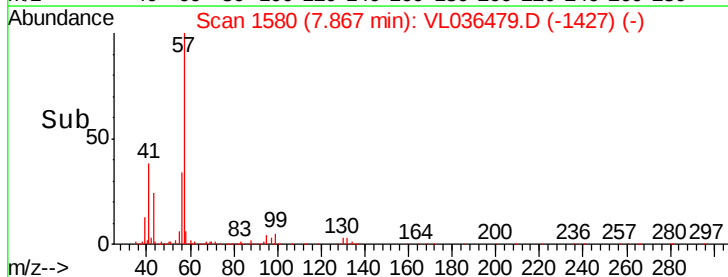
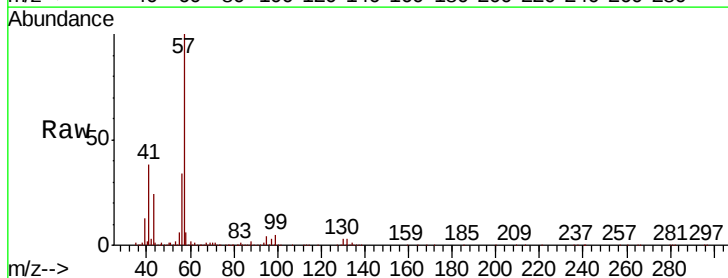
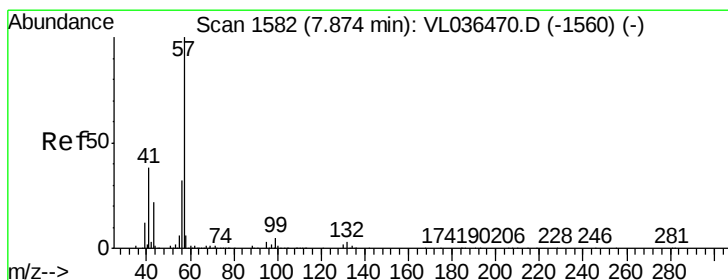
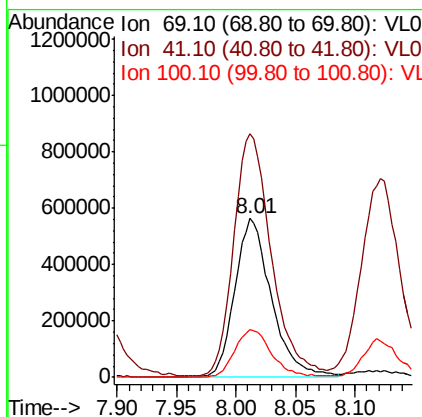


#43
Methvl Methacrvlate
Concen: 10.021 ppbv
RT: 8.01
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 25 Mar 2021 9:05

Tot Ion:
Ion Ratio
69 100
41 157.
100 30.

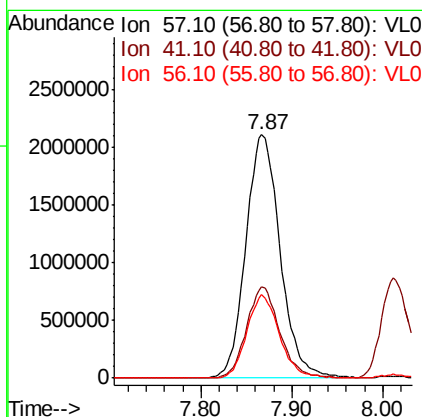
Manual Integrations
APPROVED

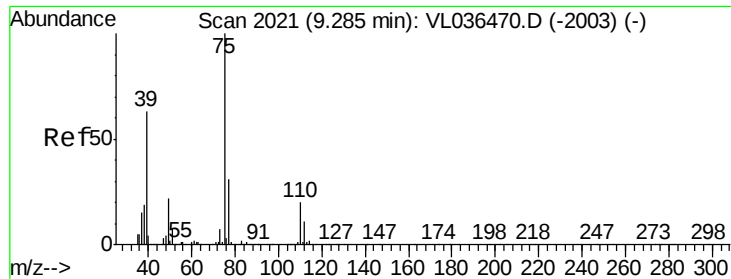
Reviewed By :Semsettin Yesilyurt 03/26/2021
Supervised By :Mahesh Dadoda 03/29/2021



#44
2,2,4-Trimethylpentane
Concen: 8.793 ppbv
RT: 7.87 min Scan# 1580
Delta R.T. -0.01 min
Lab File: VL036479.D
Acq: 25 Mar 2021 9:05

Tgt Ion: 57 Resp: 5514978
Ion Ratio Lower Upper
57 100
41 36.2 28.8 43.2
56 32.7 26.1 39.1





#45

t-1,3-Dichloropropene

Concen: 9.559 ppbv

RT: 9.28 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 25 Mar 2021 9:05

Tot Ion:

Ion Ratio

75 100

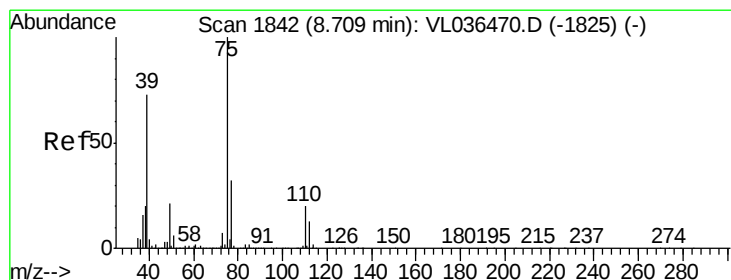
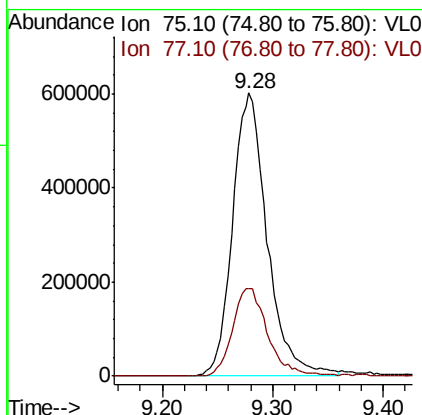
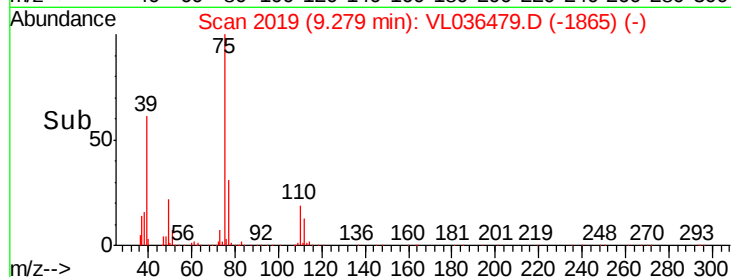
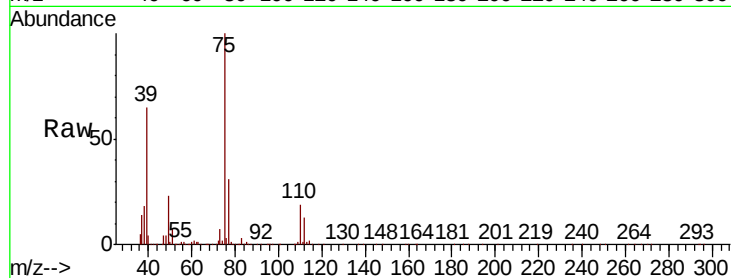
77 30.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/26/2021

Supervised By :Mahesh Dadoda 03/29/2021



#46

cis-1,3-Dichloropropene

Concen: 9.274 ppbv

RT: 8.70 min Scan# 1839

Delta R.T. -0.01 min

Lab File: VL036479.D

Acq: 25 Mar 2021 9:05

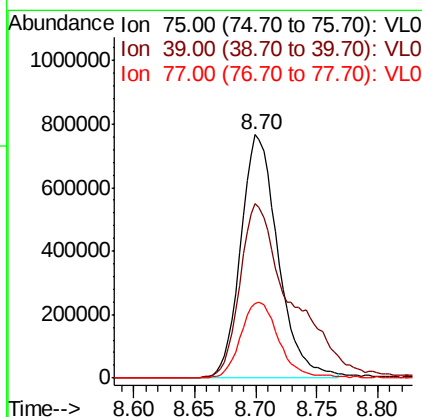
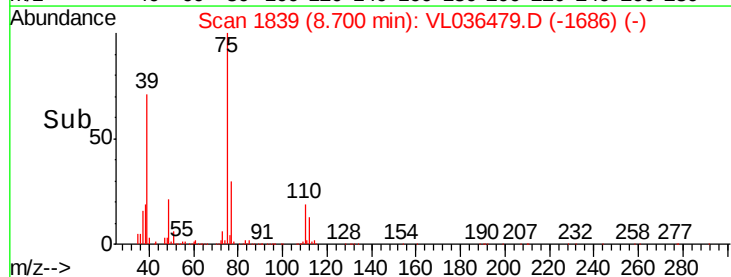
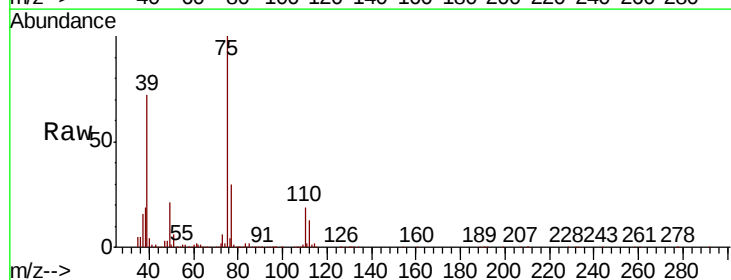
Tgt Ion: 75 Resp: 1619776

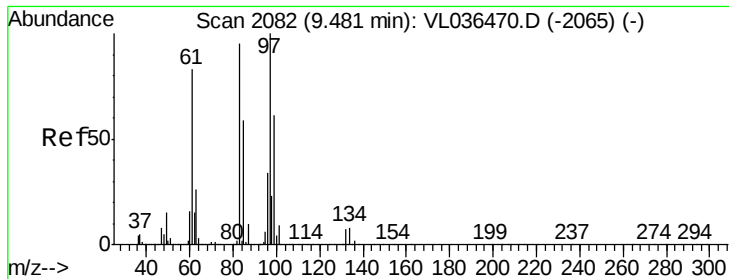
Ion Ratio Lower Upper

75 100

39 71.5 58.2 87.2

77 30.4 25.2 37.8



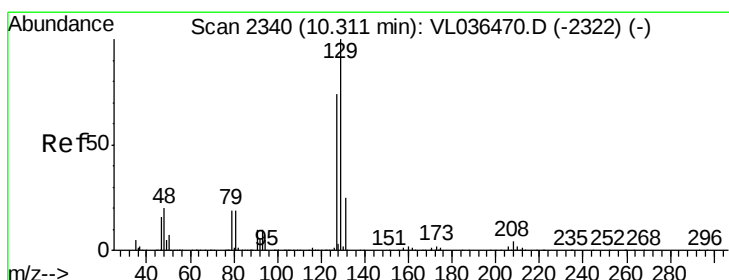
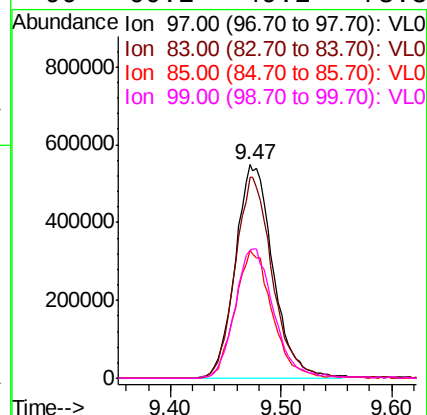
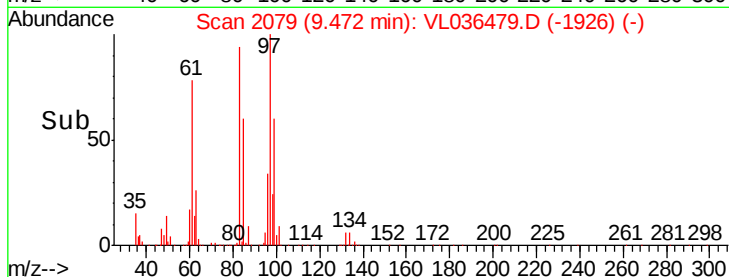
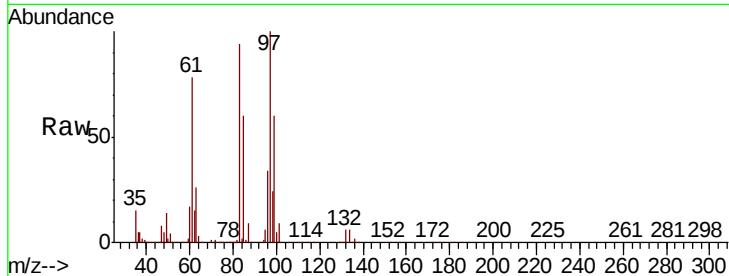


#47
 1,1,2-Trichloroethane
 Concen: 8.885 ppbv
 RT: 9.47
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 25 Mar 2021 9:05

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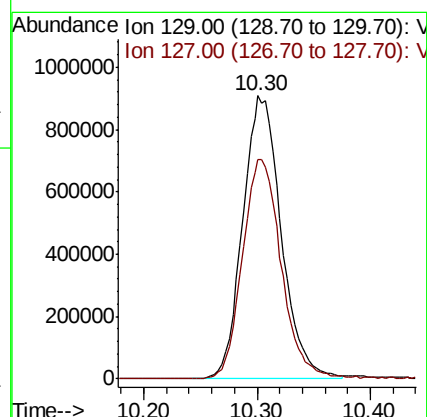
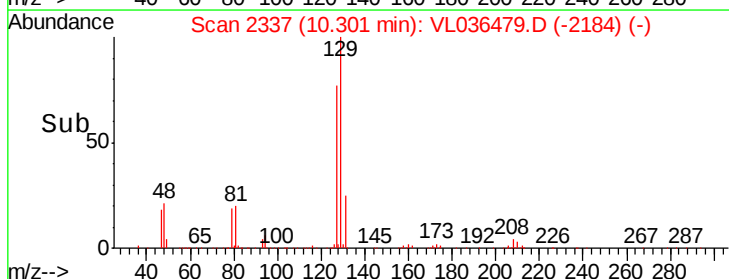
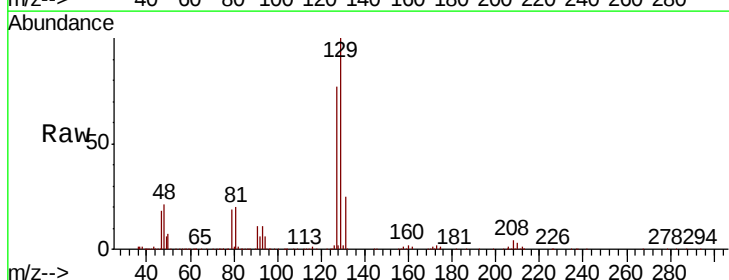
Reviewed By :Semsettin Yesilyurt 03/26/2021
 Supervised By :Mahesh Dadoda 03/29/2021

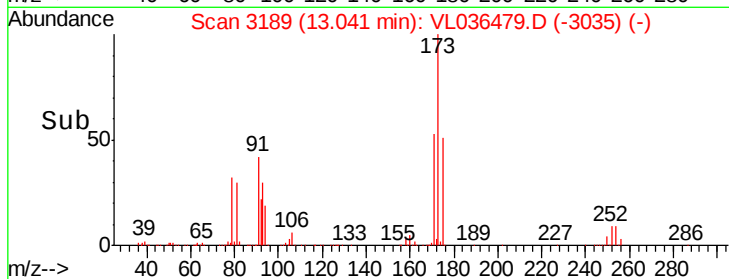
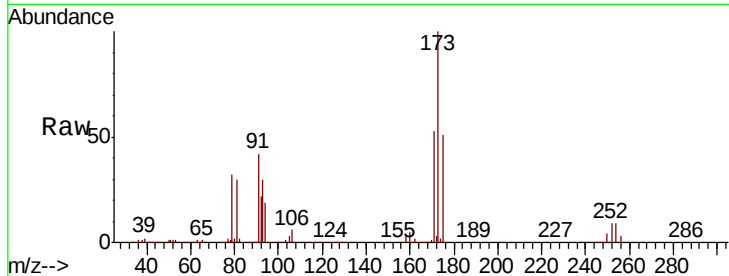
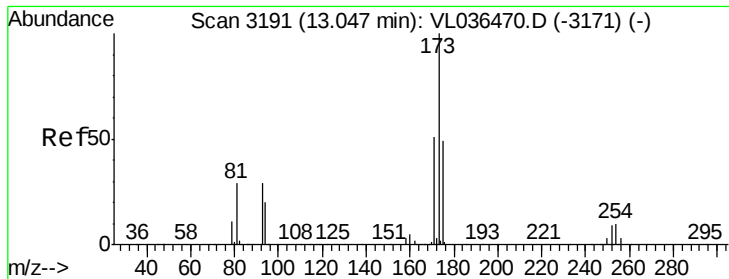
Tot Ion:
 Ion Ratio
 97 100
 83 94.
 85 59.
 99 60.2 49.2 73.8



#48
 Dibromochloromethane
 Concen: 9.633 ppbv
 RT: 10.30 min Scan# 2337
 Delta R.T. -0.01 min
 Lab File: VL036479.D
 Acq: 25 Mar 2021 9:05

Tgt Ion:129 Resp: 2150089
 Ion Ratio Lower Upper
 129 100
 127 78.1 39.6 118.8





#49

Bromoform

Concen: 9.280 ppbv

RT: 13.04

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 25 Mar 2021 9:05

Tot Ion:1

Ion Rati

173 100

175 50.

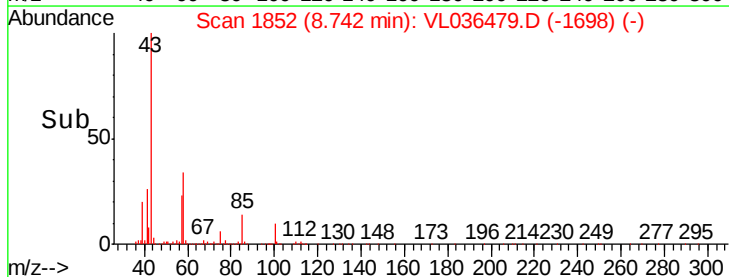
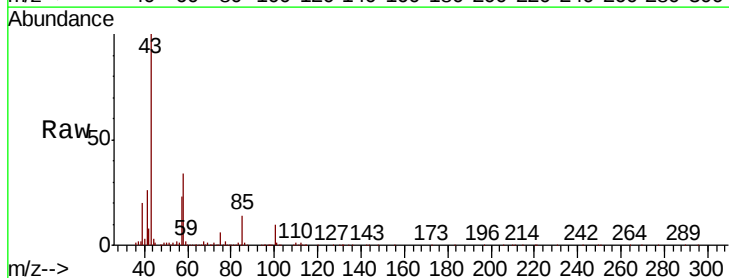
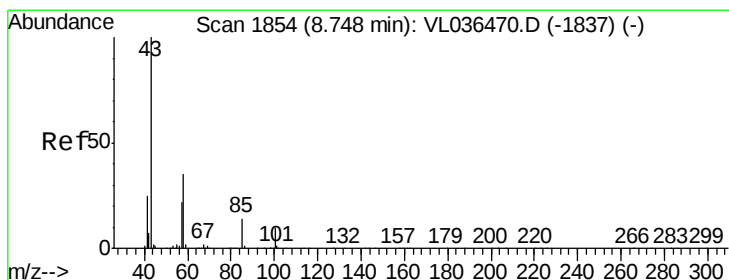
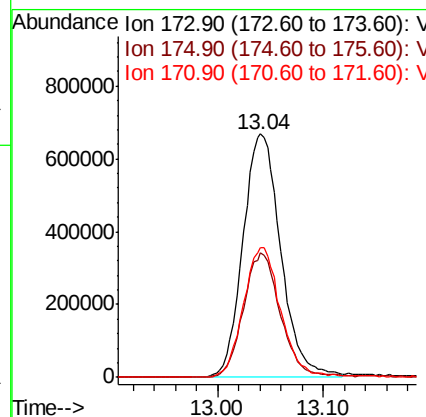
171 52.

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Reviewed By :Semsettin Yesilyurt 03/26/2021

Supervised By :Mahesh Dadoda 03/29/2021



#50

4-Methyl-2-Pentanone

Concen: 9.677 ppbv

RT: 8.74 min Scan# 1852

Delta R.T. -0.01 min

Lab File: VL036479.D

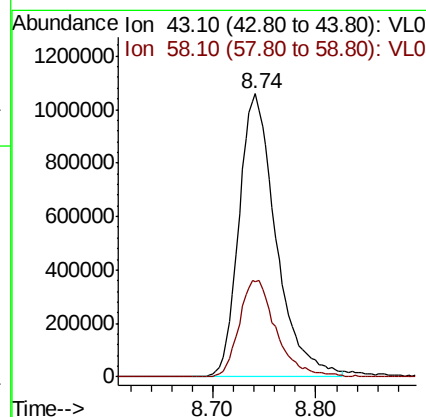
Acq: 25 Mar 2021 9:05

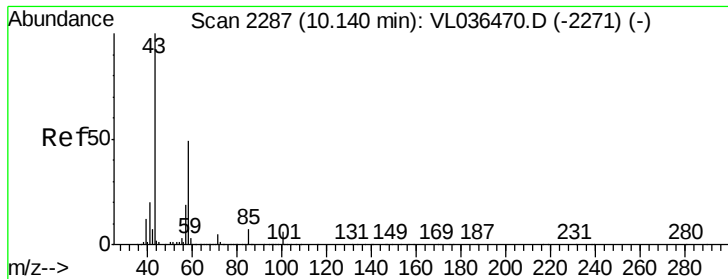
Tgt Ion: 43 Resp: 2640925

Ion Ratio Lower Upper

43 100

58 34.7 28.2 42.2



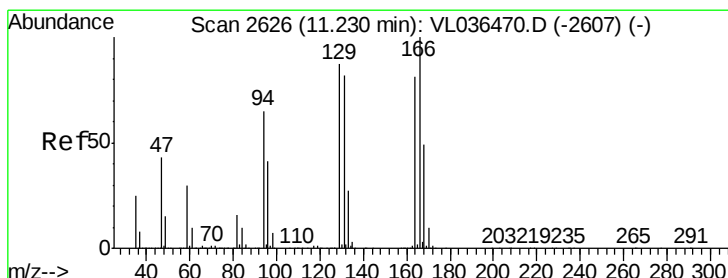
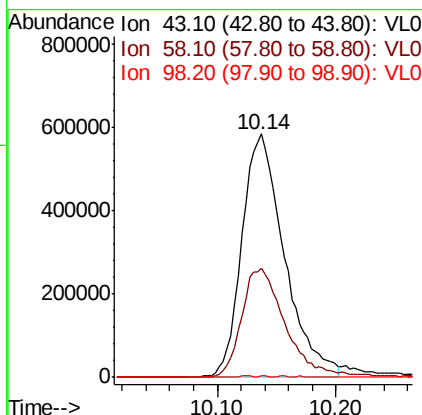
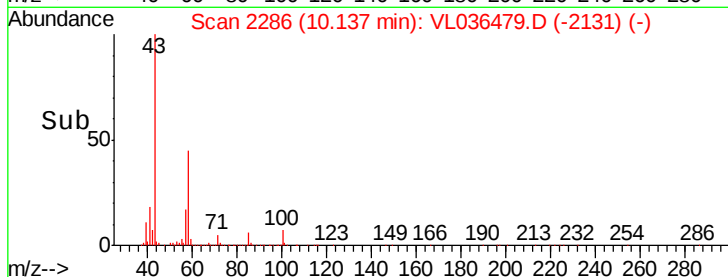
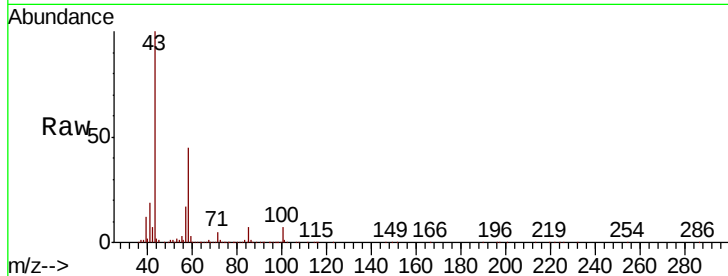


#51
2-Hexanone
Concen: 10.464 ppbv
RT: 10.14 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 25 Mar 2021 9:05

Tot Ion:
Ion Ratio
43 100
58 46.
98 0.

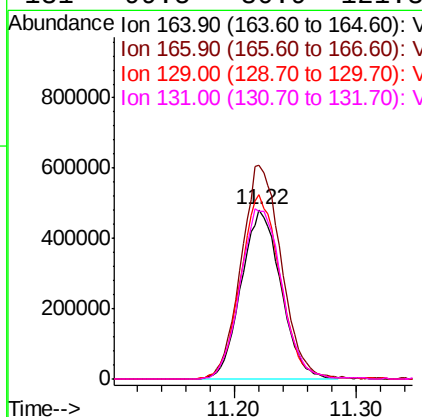
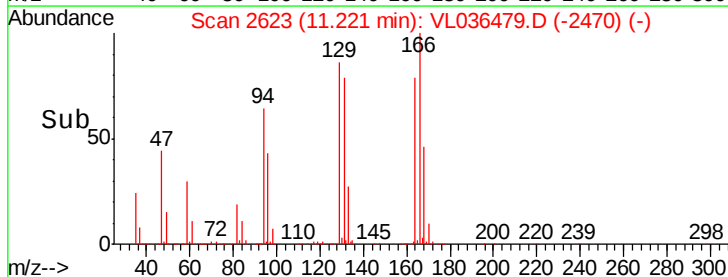
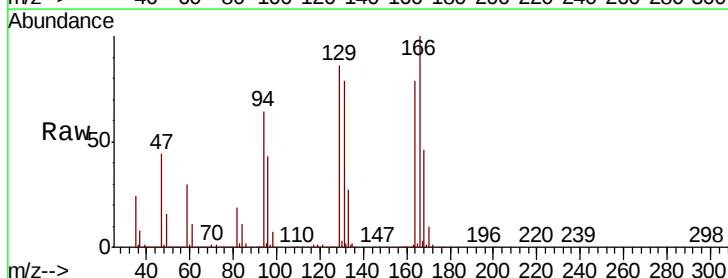
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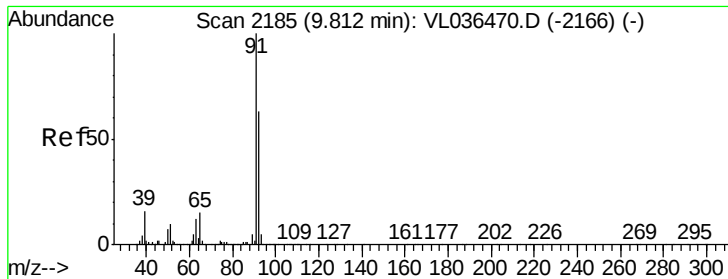
Reviewed By :Semsettin Yesilyurt 03/26/2021
Supervised By :Mahesh Dadoda 03/29/2021



#52
Tetrachloroethene
Concen: 8.195 ppbv
RT: 11.22 min Scan# 2623
Delta R.T. -0.01 min
Lab File: VL036479.D
Acq: 25 Mar 2021 9:05

Tgt Ion:164 Resp: 1075383
Ion Ratio Lower Upper
164 100
166 126.3 98.3 147.5
129 109.1 85.8 128.8
131 99.5 80.9 121.3





#53

Toluene

Concen: 9.538 ppbv

RT: 9.80

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 25 Mar 2021 9:05

Tot Ion:

Ion Ratio

91 100

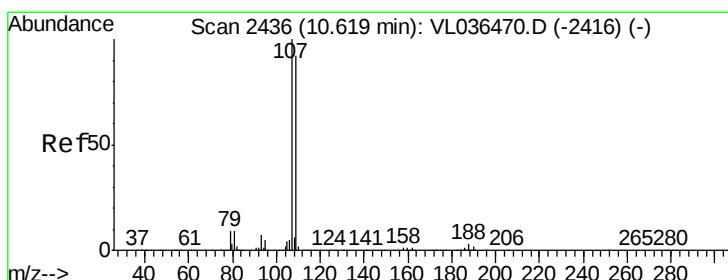
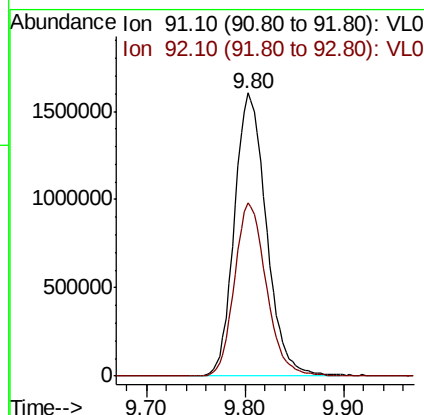
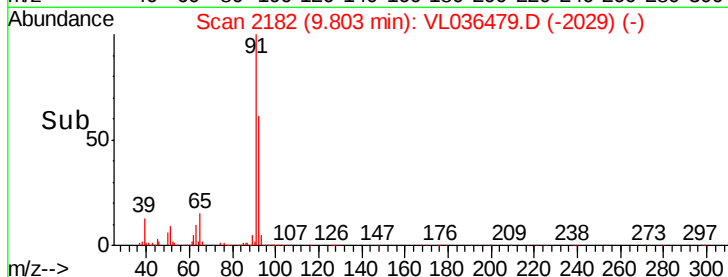
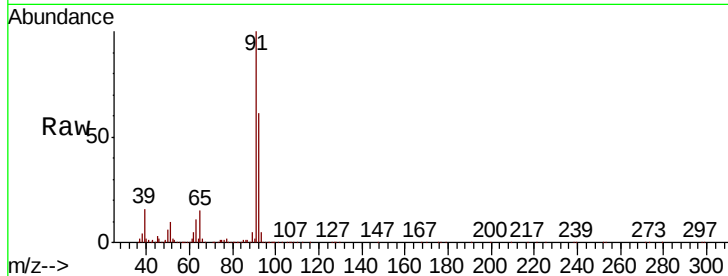
92 61.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/26/2021

Supervised By :Mahesh Dadoda 03/29/2021



#54

1,2-Dibromoethane

Concen: 8.916 ppbv

RT: 10.61 min Scan# 2432

Delta R.T. -0.01 min

Lab File: VL036479.D

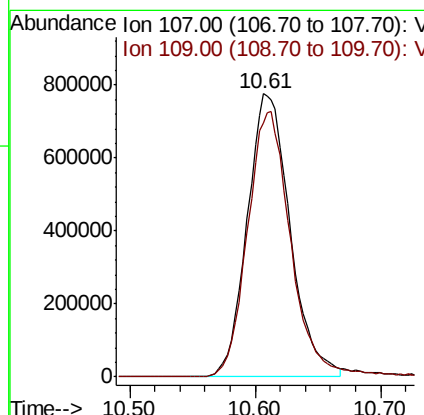
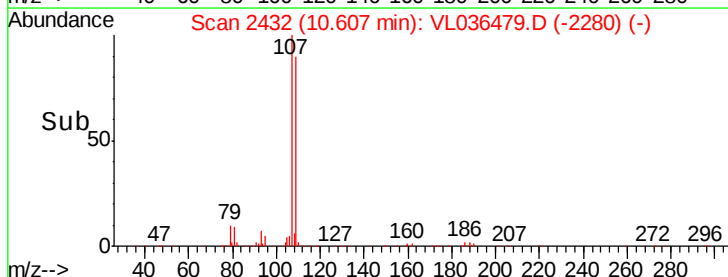
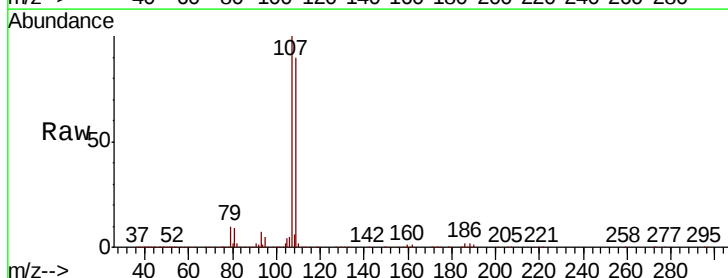
Acq: 25 Mar 2021 9:05

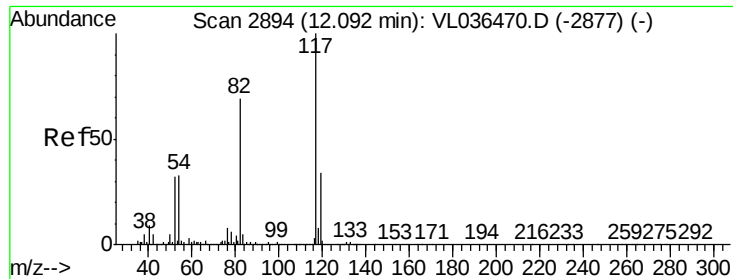
Tgt Ion:107 Resp: 1843527

Ion Ratio Lower Upper

107 100

109 89.9 73.9 110.9



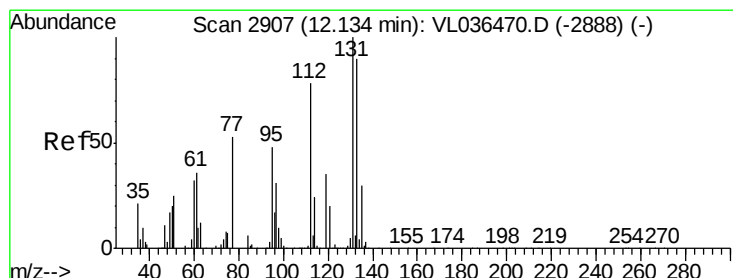
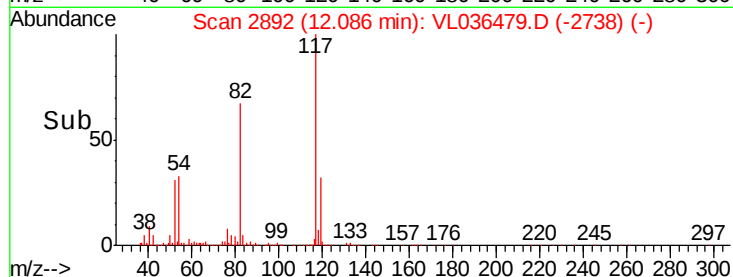
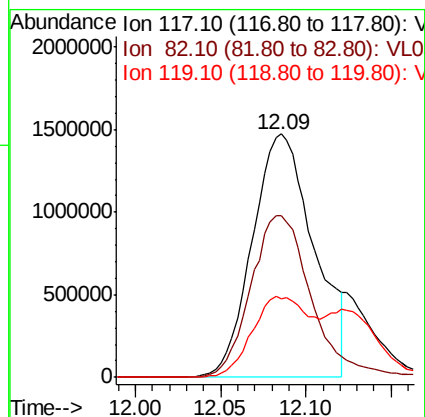
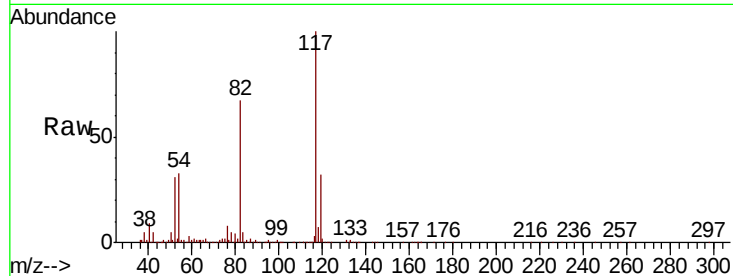


#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.09
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
Acq: 25 Mar 2021 9:05

Tot Ion:1
Ion Rati
117 100
82 66.
119 55.

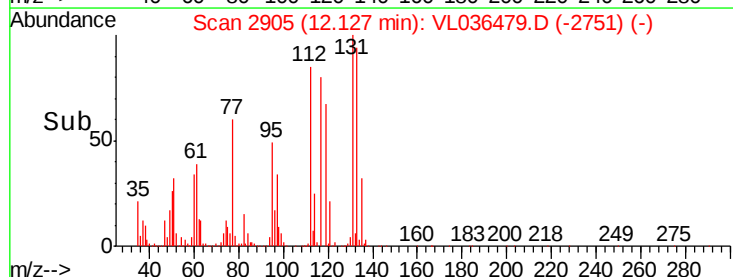
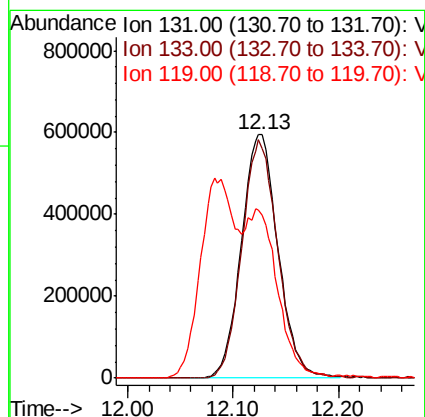
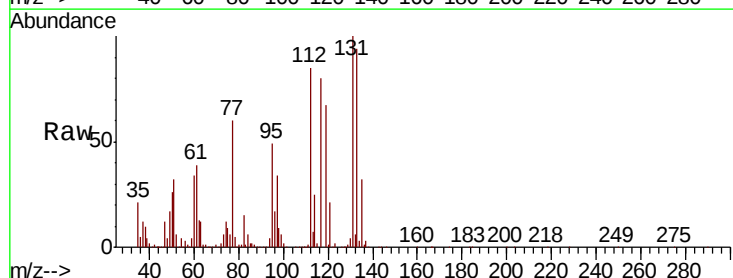
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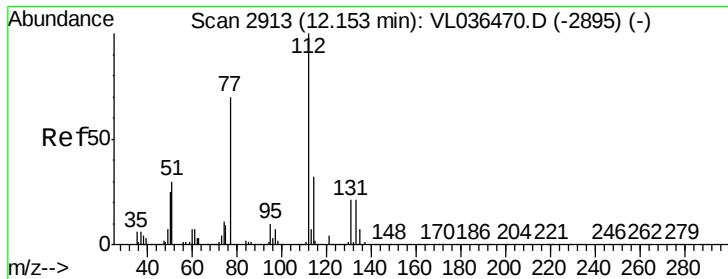
Reviewed By :Semsettin Yesilyurt 03/26/2021
Supervised By :Mahesh Dadoda 03/29/2021



#56
1,1,1,2-Tetrachloroethane
Concen: 8.552 ppbv
RT: 12.13 min Scan# 2905
Delta R.T. -0.01 min
Lab File: VL036479.D
Acq: 25 Mar 2021 9:05

Tgt Ion:131 Resp: 1436223
Ion Ratio Lower Upper
131 100
133 96.4 75.8 113.6
119 143.0 48.7 73.1#





#57

Chlorobenzene

Concen: 8.231 ppbv

RT: 12.14

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 25 Mar 2021 9:05

Tot Ion:1

Ion Rati

112 100

77 68.

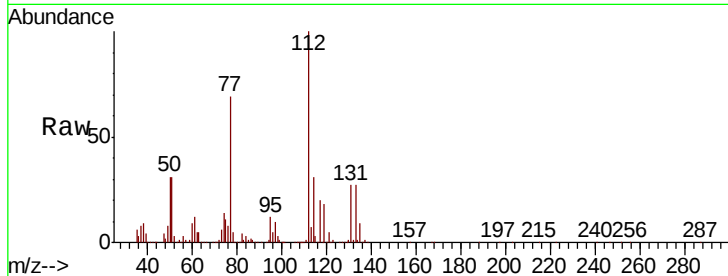
114 30.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/26/2021

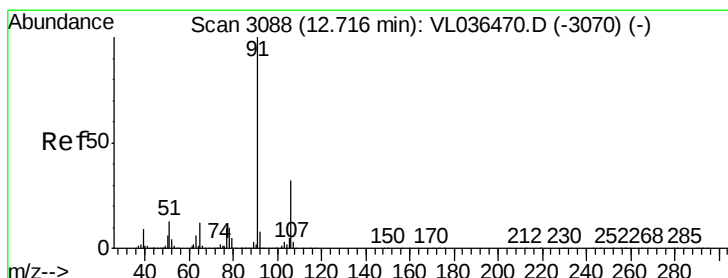
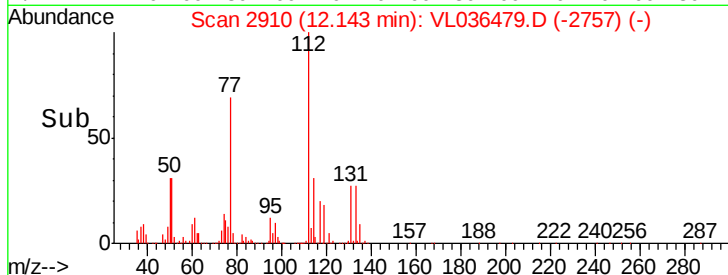
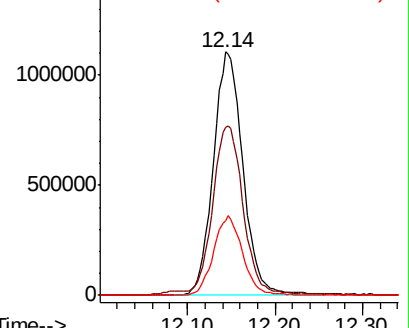
Supervised By :Mahesh Dadoda 03/29/2021



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: 8.893 ppbv

RT: 12.71 min Scan# 3086

Delta R.T. -0.01 min

Lab File: VL036479.D

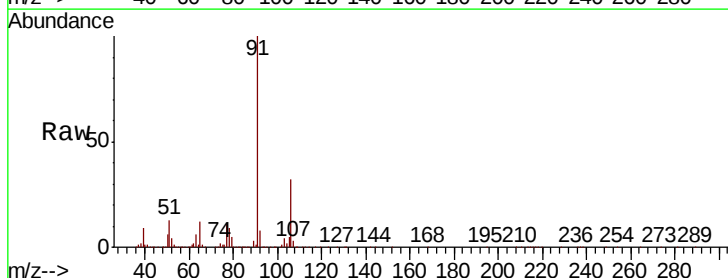
Acq: 25 Mar 2021 9:05

Tgt Ion: 91 Resp: 4804036

Ion Ratio Lower Upper

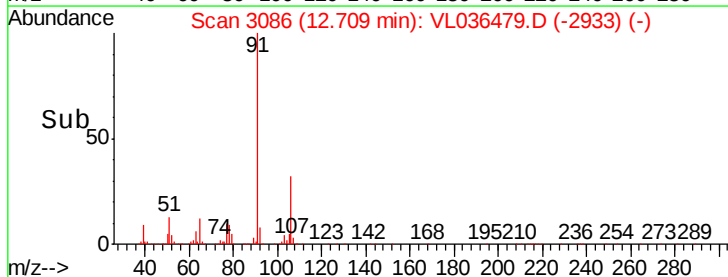
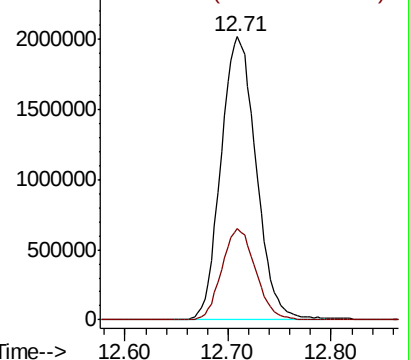
91 100

106 32.4 25.3 37.9



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V



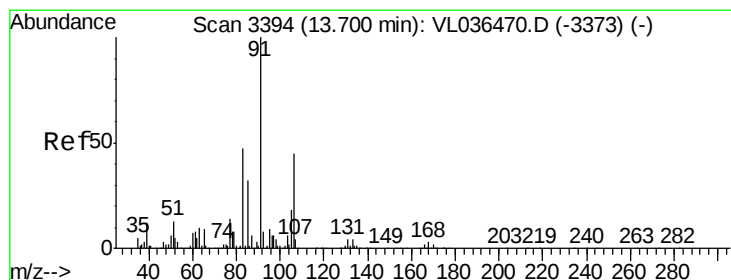
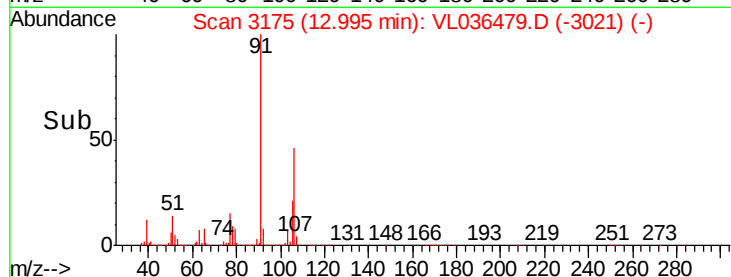
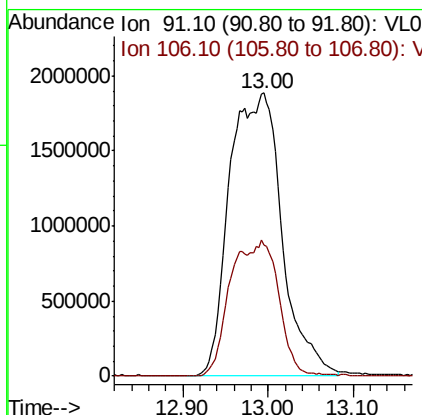
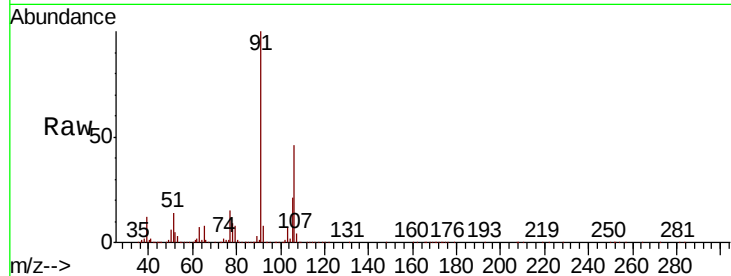


#59
m/p-Xylene
Concen: 17.090 ppbv m
RT: 13.00
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 25 Mar 2021 9:05

Tot Ion:
Ion Ratio
91 100
106 44.

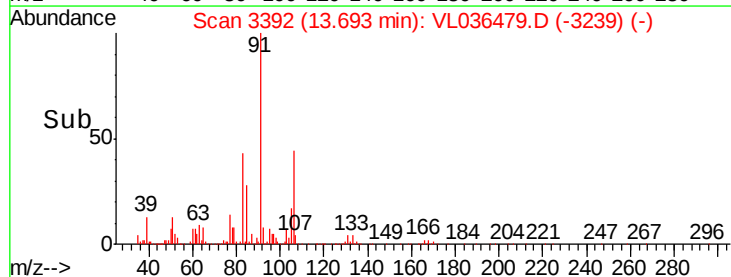
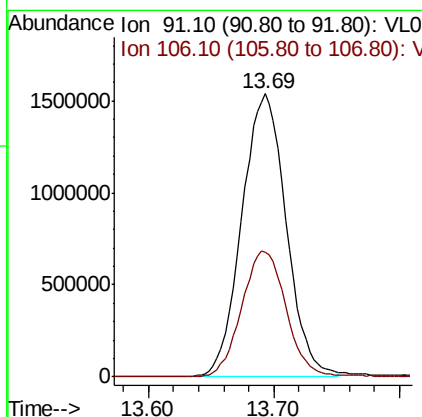
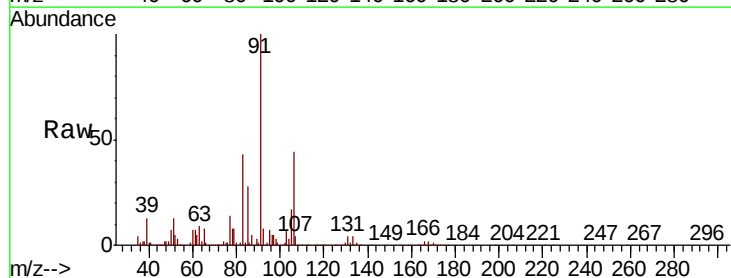
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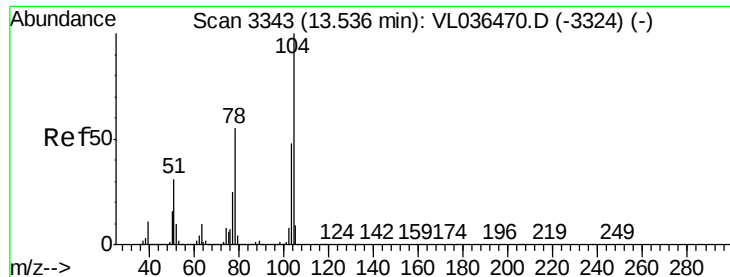
Reviewed By :Semsettin Yesilyurt 03/26/2021
Supervised By :Mahesh Dadoda 03/29/2021



#60
o-Xylene
Concen: 8.250 ppbv
RT: 13.69 min Scan# 3392
Delta R.T. -0.01 min
Lab File: VL036479.D
Acq: 25 Mar 2021 9:05

Tgt Ion: 91 Resp: 3758323
Ion Ratio Lower Upper
91 100
106 45.1 22.3 66.9





#61

Stvrene

Concen: 9.742 ppbv

RT: 13.53

Delta R.T.

Lab File:

Acq: 25 Mar 2021

Instrument :

MSVOA_L

ClientSampleId :

VL0325ABS01

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Reviewed By :Semsettin Yesilyurt 03/26/2021

Supervised By :Mahesh Dadoda 03/29/2021

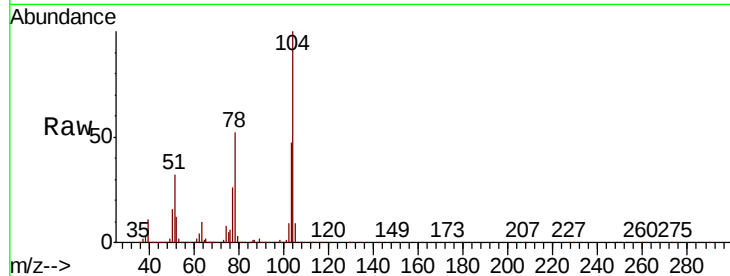
Tot Ion:1

Ion Rati

104 100

78 55.

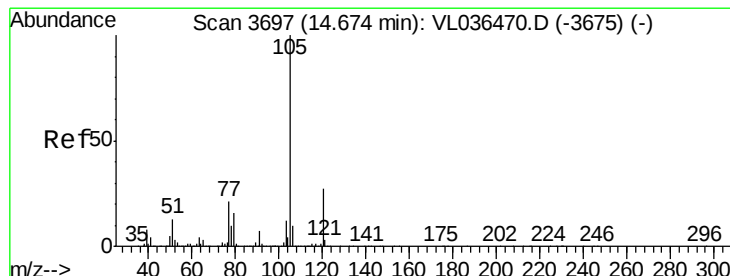
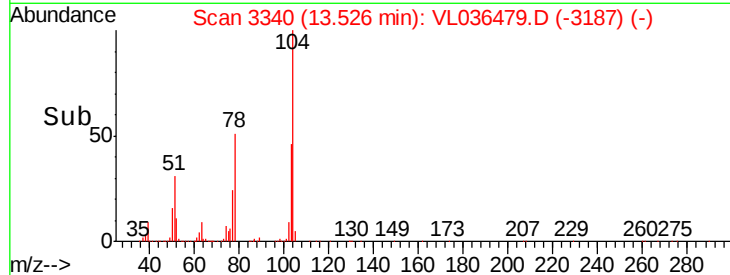
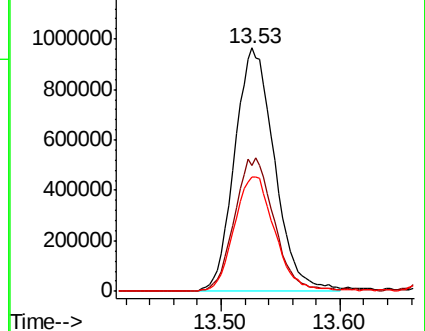
103 48.



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: 8.364 ppbv

RT: 14.67 min Scan# 3695

Delta R.T. -0.01 min

Lab File: VL036479.D

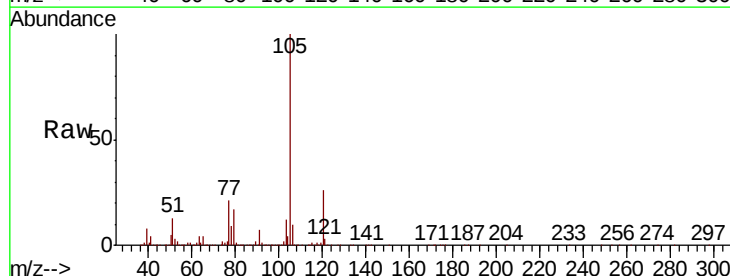
Acq: 25 Mar 2021 9:05

Tgt Ion:105 Resp: 5131317

Ion Ratio Lower Upper

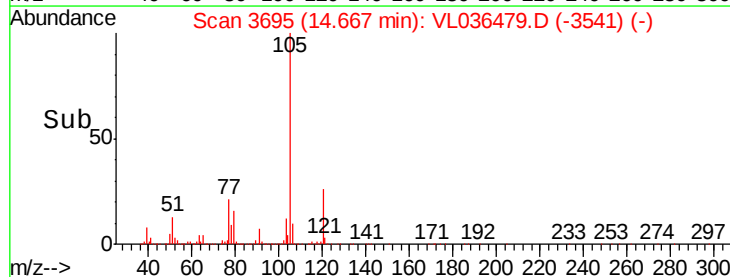
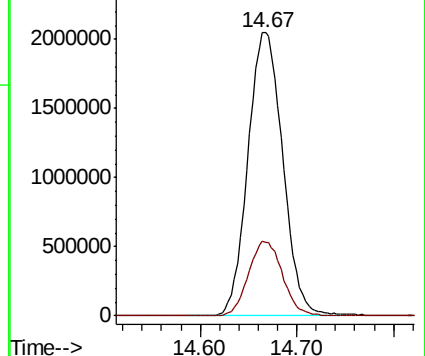
105 100

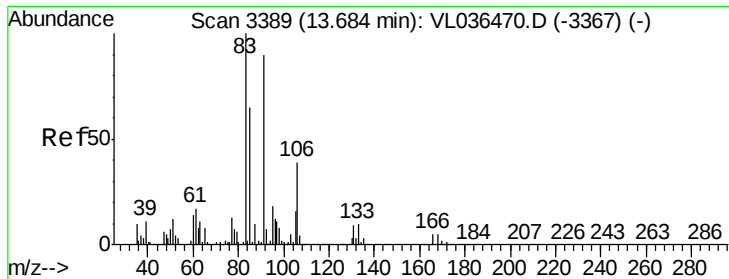
120 25.9 20.6 31.0



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: 7.512 ppbv

RT: 13.68

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 25 Mar 2021 9:05

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Reviewed By :Semsettin Yesilyurt 03/26/2021

Supervised By :Mahesh Dadoda 03/29/2021

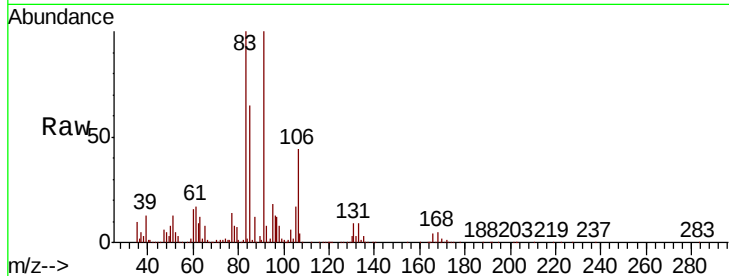
Tot Ion:

Ion Ratio

83 100

131 9.

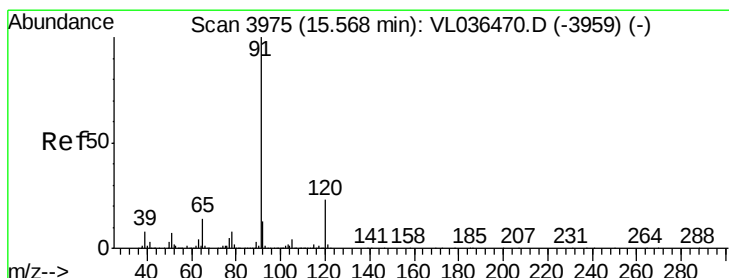
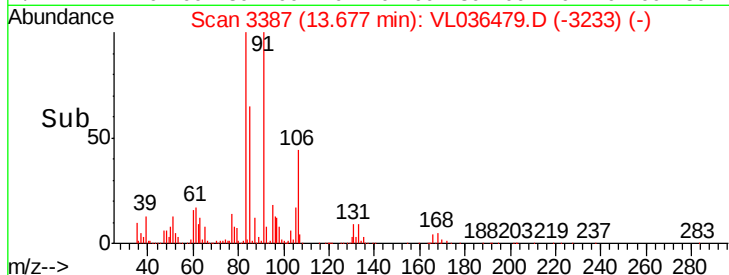
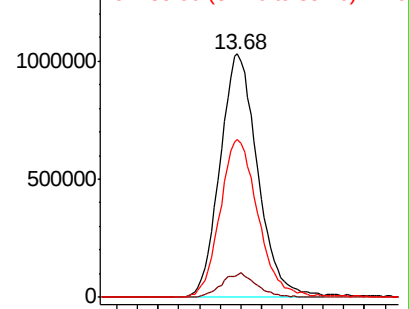
85 65.



Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VL0



#64

n-propylbenzene

Concen: 8.883 ppbv

RT: 15.56 min Scan# 3973

Delta R.T. -0.01 min

Lab File: VL036479.D

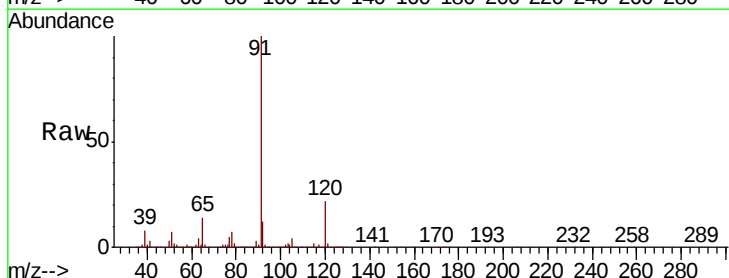
Acq: 25 Mar 2021 9:05

Tgt Ion:120 Resp: 1332462

Ion Ratio Lower Upper

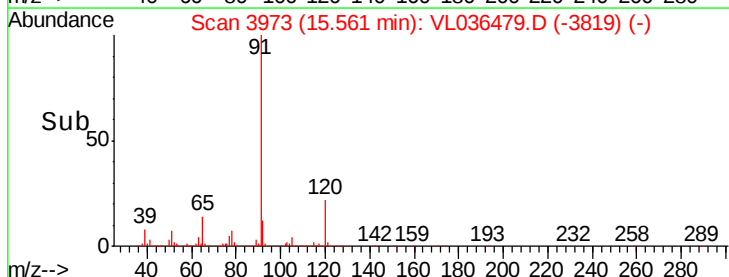
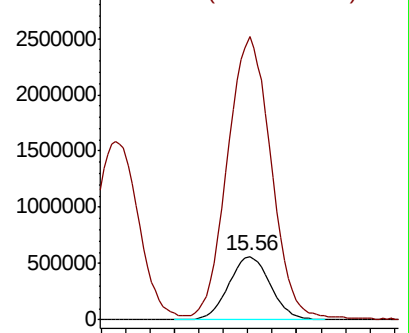
120 100

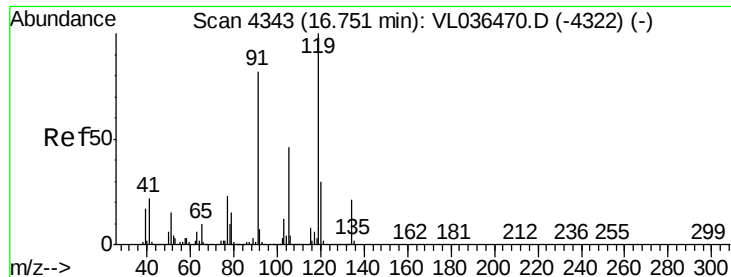
91 470.7 377.4 566.2



Abundance Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0





#65

tert-Butylbenzene

Concen: 8.255 ppbv

RT: 16.74

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 25 Mar 2021 9:05

Tot Ion:1

Ion Rati

119 100

91 84.

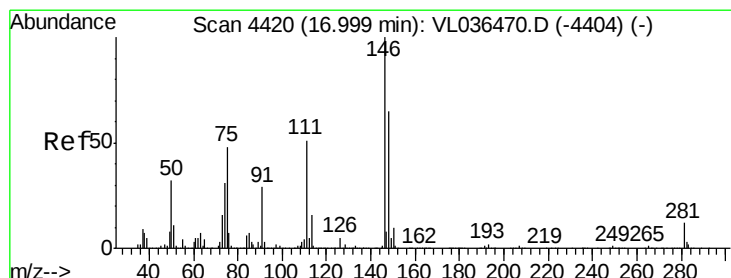
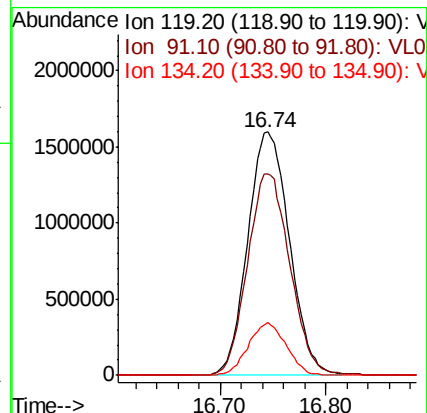
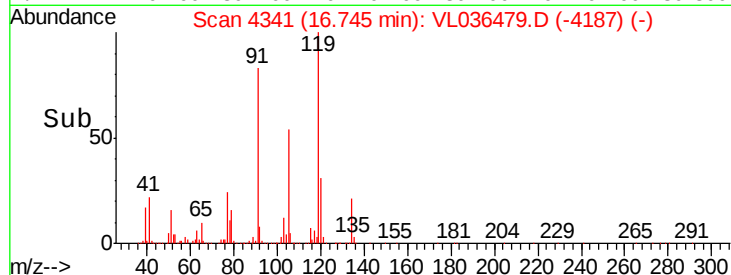
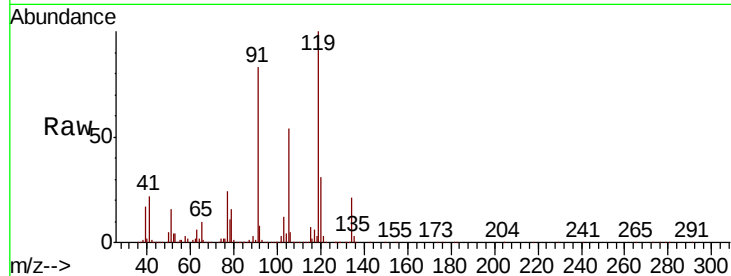
134 19.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/26/2021

Supervised By :Mahesh Dadoda 03/29/2021



#66

Benzyl Chloride

Concen: 8.873 ppbv

RT: 16.99 min Scan# 4418

Delta R.T. -0.01 min

Lab File: VL036479.D

Acq: 25 Mar 2021 9:05

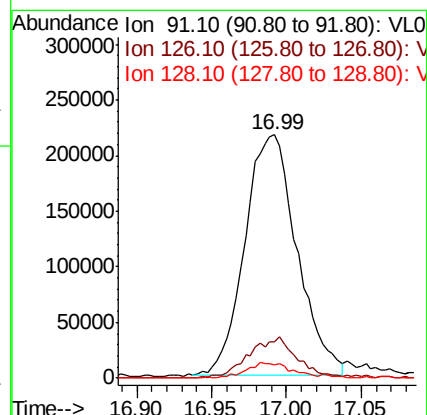
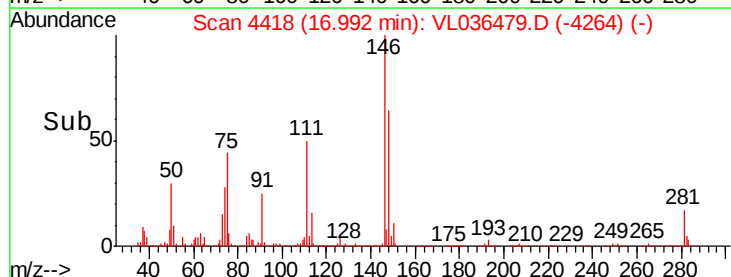
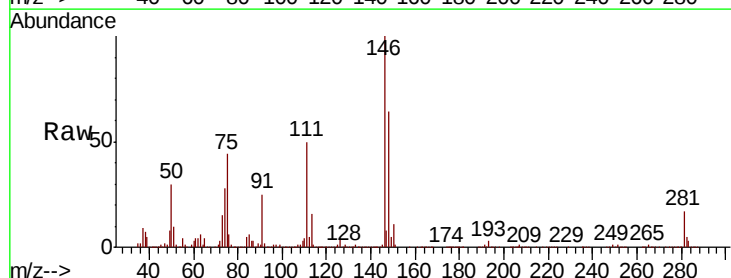
Tgt Ion: 91 Resp: 521724

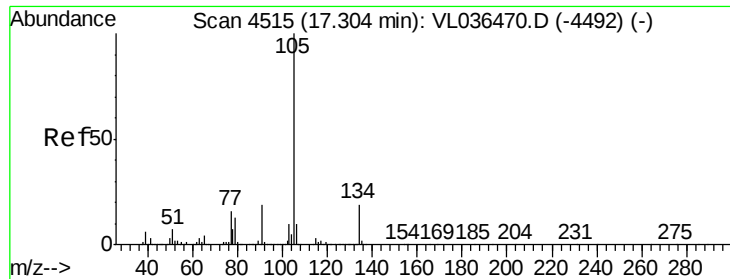
Ion Ratio Lower Upper

91 100

126 16.3 13.5 20.3

128 5.9 4.2 6.4





#67

sec-Butylbenzene

Concen: 8.226 ppbv

RT: 17.29

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 25 Mar 2021 9:05

Tot Ion:1

Ion Ratio

105 100

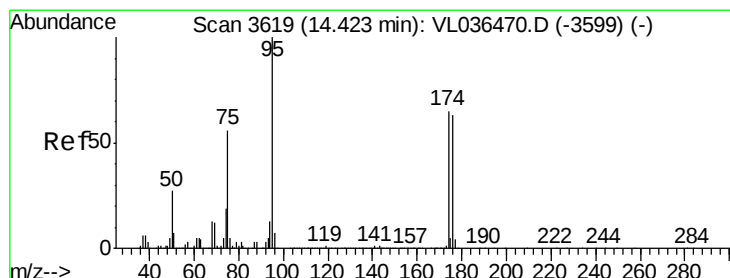
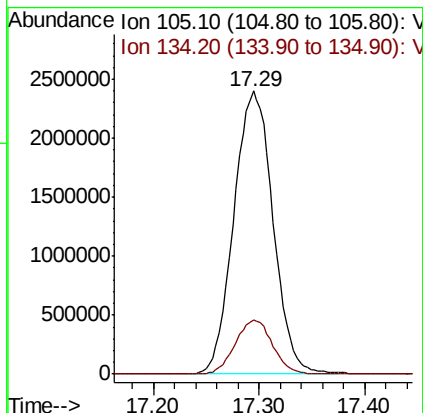
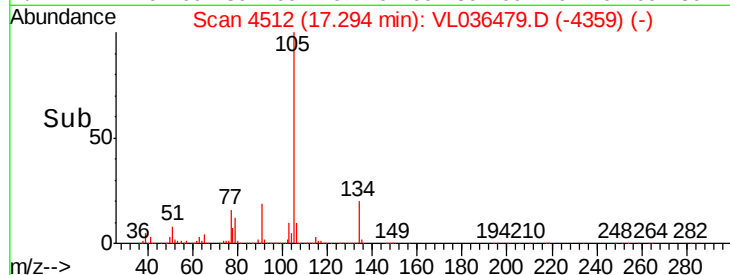
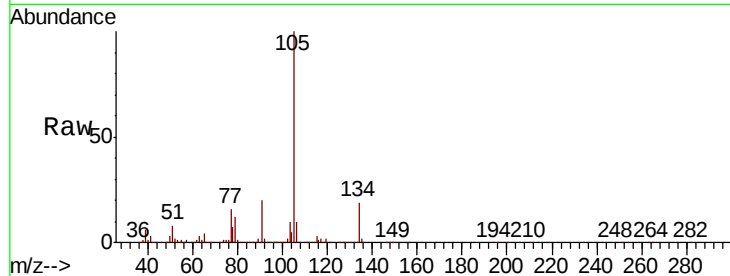
134 18.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/26/2021

Supervised By :Mahesh Dadoda 03/29/2021



#68

1-Bromo-4-Fluorobenzene

Concen: 10.023 ppbv

RT: 14.41 min Scan# 3616

Delta R.T. -0.01 min

Lab File: VL036479.D

Acq: 25 Mar 2021 9:05

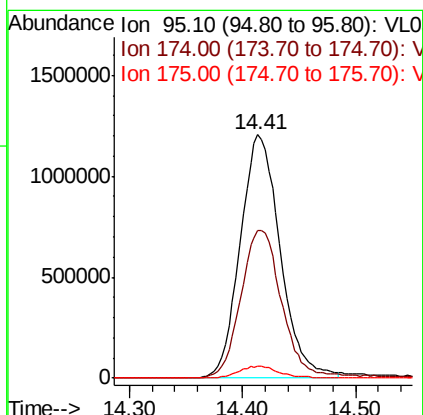
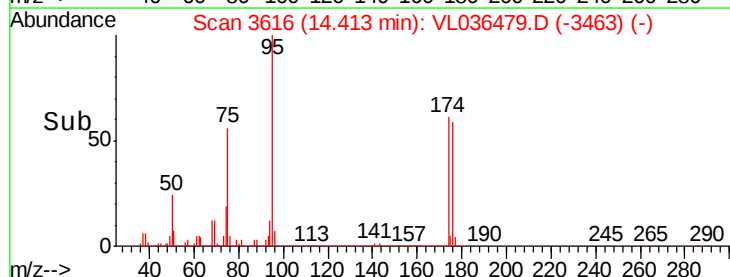
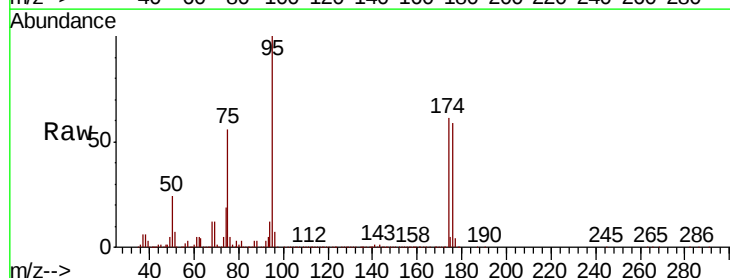
Tgt Ion: 95 Resp: 2966050

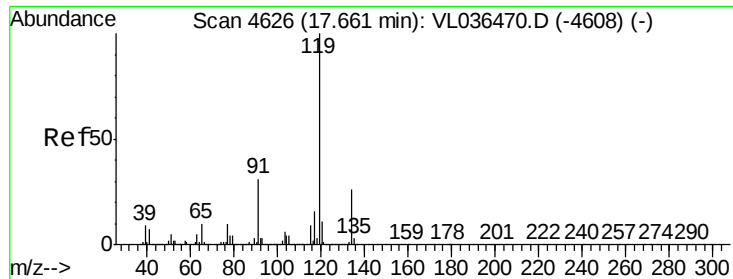
Ion Ratio Lower Upper

95 100

174 63.4 51.0 76.6

175 4.9 3.9 5.9



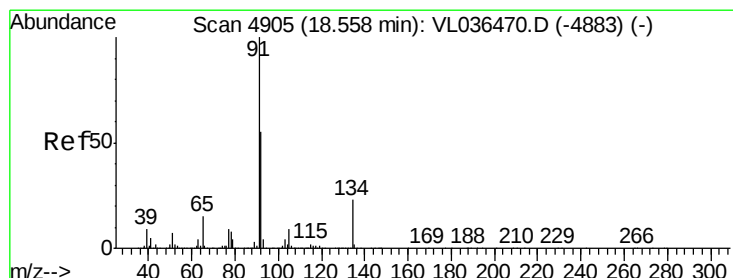
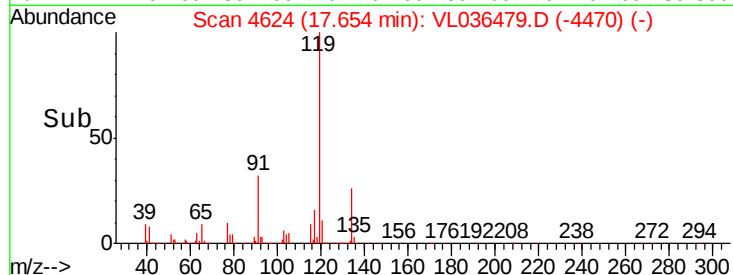
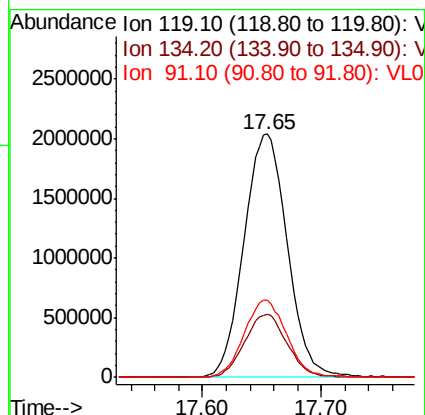
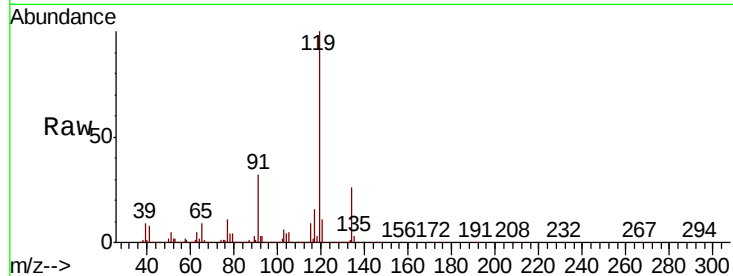


#69
 p-Isopropyltoluene
 Concen: 8.722 ppbv
 RT: 17.65
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 Acq: 25 Mar 2021 9:05

Tot Ion: 1
 Ion Ratio
 119 100
 134 25.
 91 31.

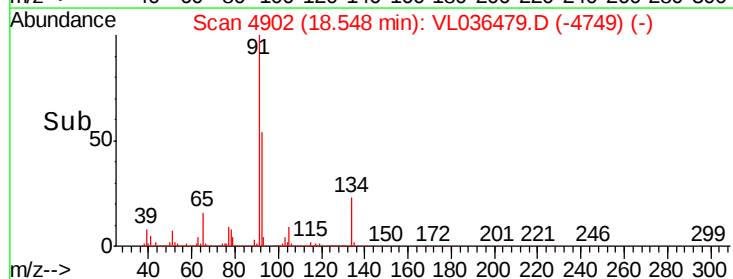
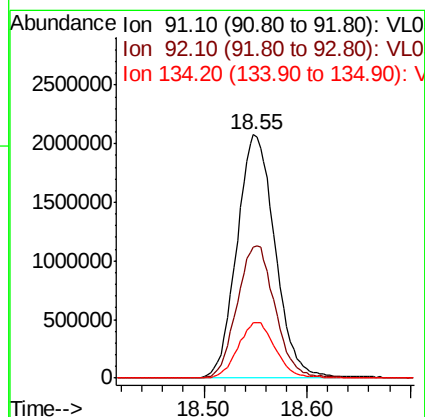
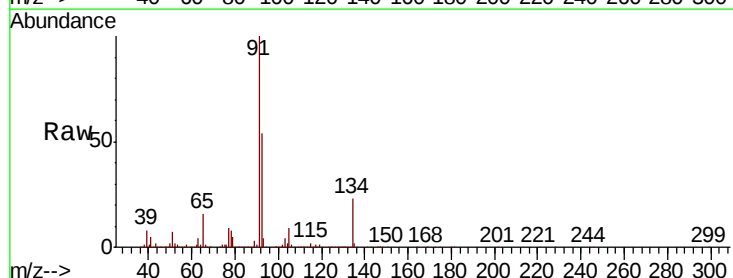
Manual Integrations
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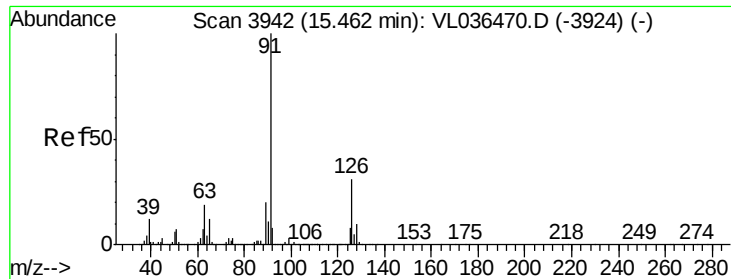
Reviewed By : Semsettin Yesilyurt 03/26/2021
 Supervised By : Mahesh Dadoda 03/29/2021



#70
 n-Butylbenzene
 Concen: 8.757 ppbv
 RT: 18.55 min Scan# 4902
 Delta R.T. -0.01 min
 Lab File: VL036479.D
 Acq: 25 Mar 2021 9:05

Tgt Ion: 91 Resp: 5324511
 Ion Ratio Lower Upper
 91 100
 92 54.7 43.8 65.8
 134 22.4 18.0 27.0





#71

2-Chlorotoluene

Concen: 8.516 ppbv

RT: 15.45

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 25 Mar 2021 9:05

Tot Ion:

Ion Ratio

91 100

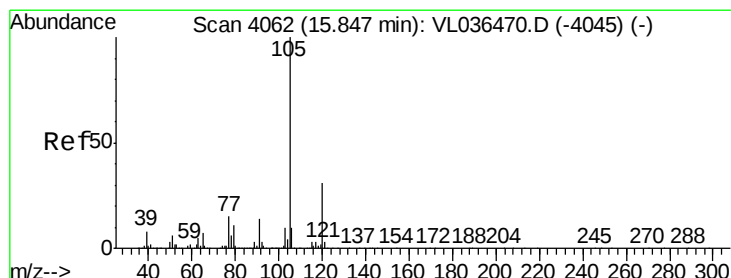
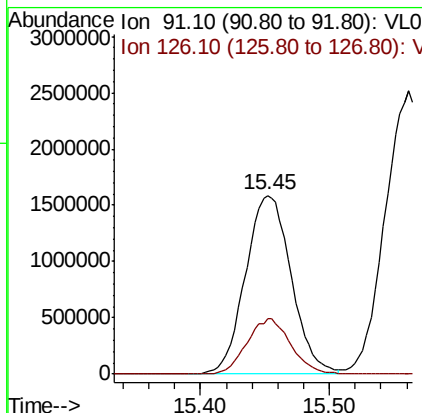
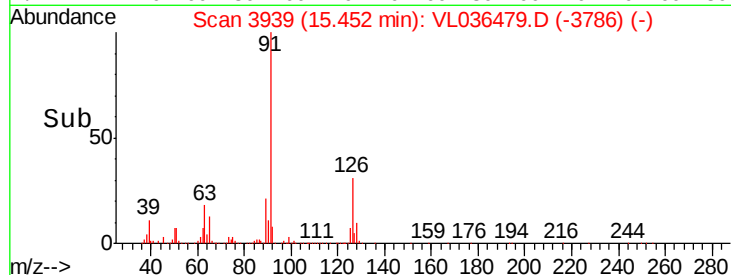
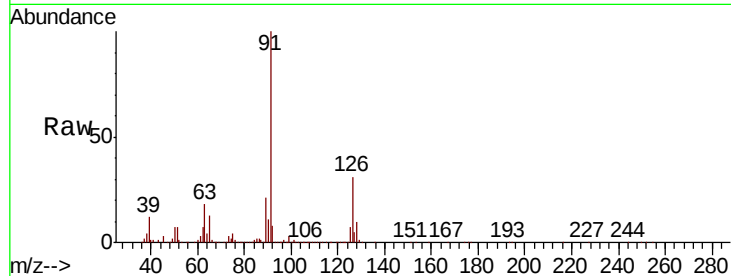
126 30.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/26/2021

Supervised By :Mahesh Dadoda 03/29/2021



#72

4-Ethyltoluene

Concen: 8.477 ppbv

RT: 15.84 min Scan# 4059

Delta R.T. -0.01 min

Lab File: VL036479.D

Acq: 25 Mar 2021 9:05

Tgt Ion:105 Resp: 4231837

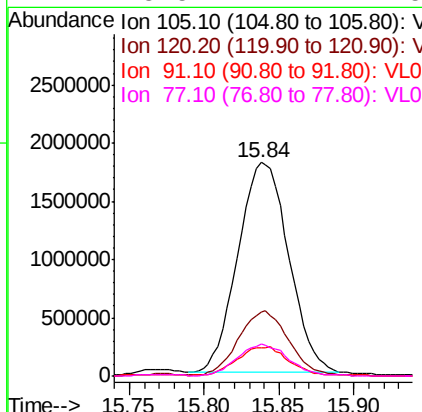
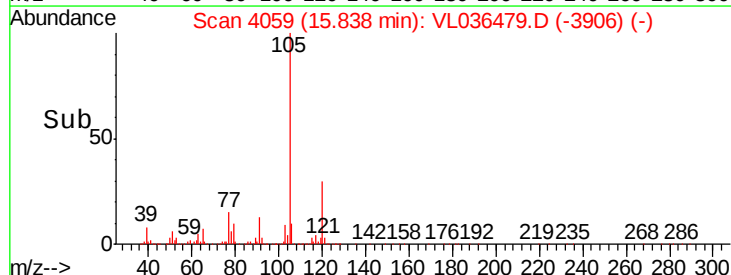
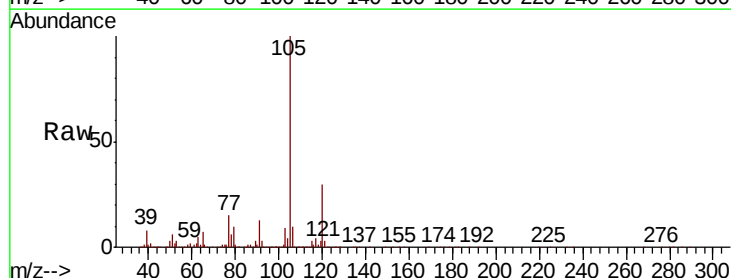
Ion Ratio Lower Upper

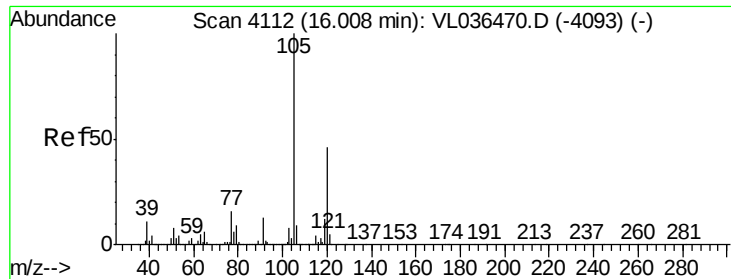
105 100

120 30.9 24.0 36.0

91 15.2 11.0 16.4

77 15.5 11.7 17.5





#73

1,3,5-Trimethylbenzene

Concen: 8.528 ppbv

RT: 16.00

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 25 Mar 2021 9:05

Tot Ion:1

Ion Rati

105 100

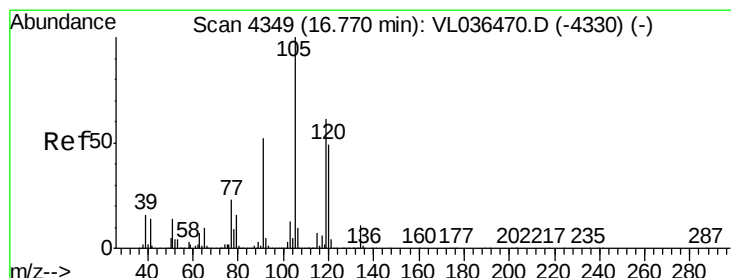
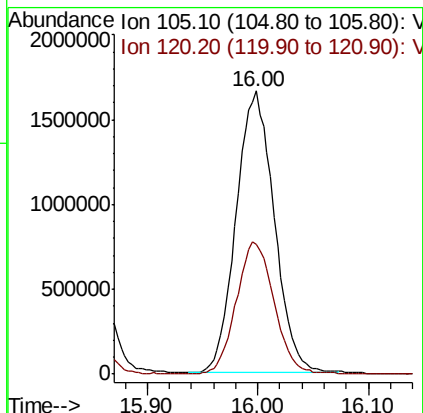
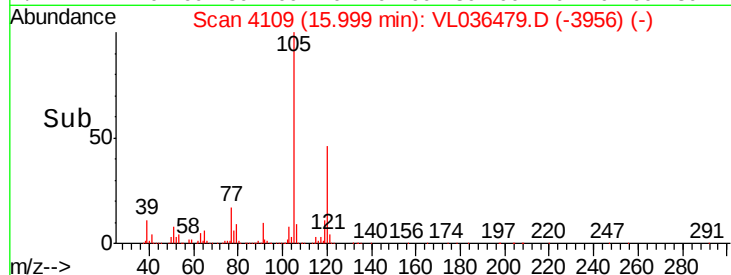
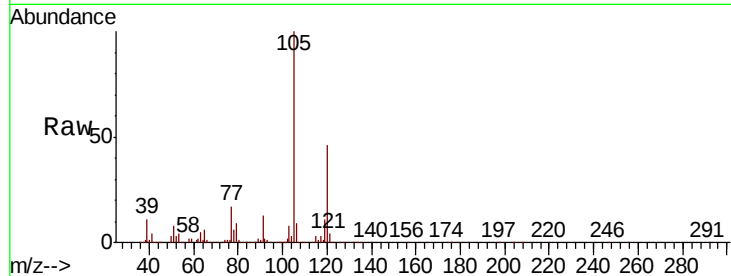
120 45.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/26/2021

Supervised By :Mahesh Dadoda 03/29/2021



#74

1,2,4-Trimethylbenzene

Concen: 8.187 ppbv

RT: 16.76 min Scan# 4347

Delta R.T. -0.01 min

Lab File: VL036479.D

Acq: 25 Mar 2021 9:05

Tgt Ion:105 Resp: 4081820

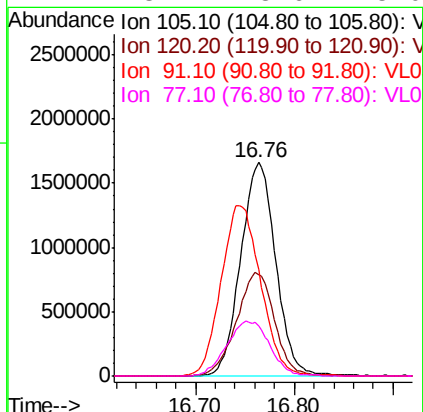
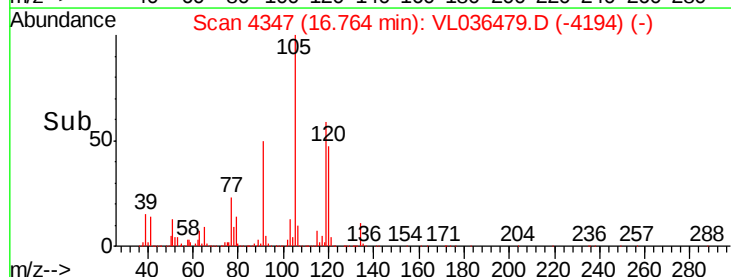
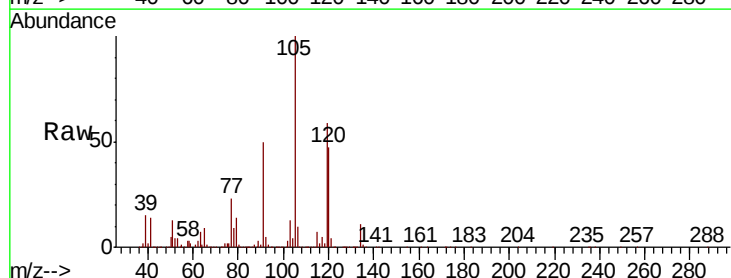
Ion Ratio Lower Upper

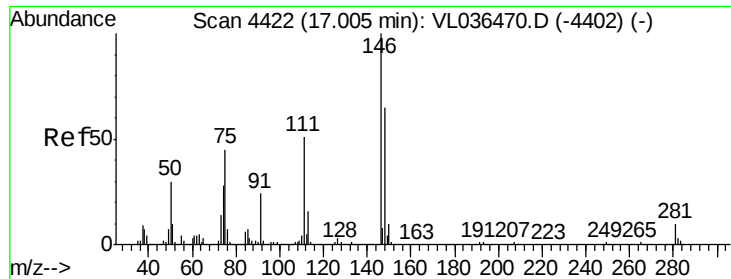
105 100

120 47.1 39.2 58.8

91 49.7 42.6 64.0

77 23.1 18.6 28.0





#75

1,3-Dichlorobenzene

Concen: 8.036 ppbv

RT: 17.00

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 25 Mar 2021 9:05

Tot Ion:1

Ion Rati

146 100

111 48.

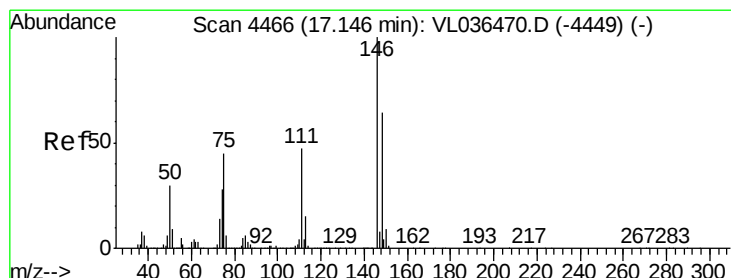
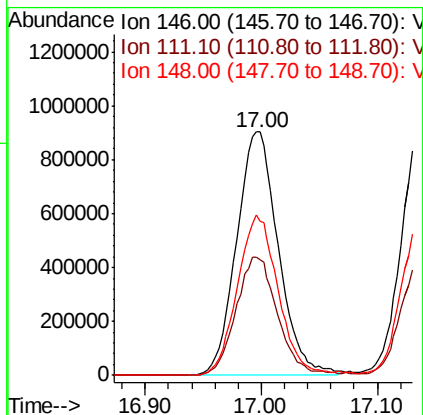
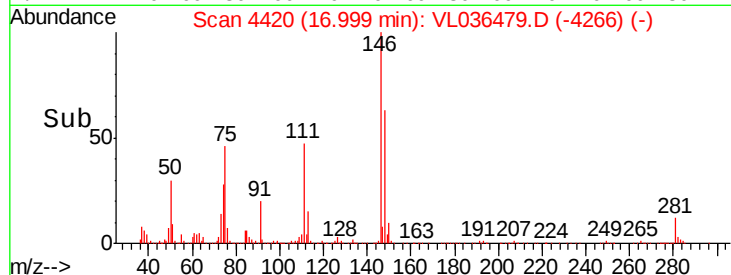
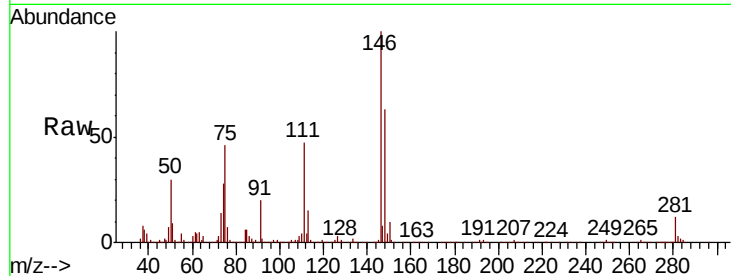
148 64.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/26/2021

Supervised By :Mahesh Dadoda 03/29/2021



#76

1,4-Dichlorobenzene

Concen: 7.855 ppbv

RT: 17.14 min Scan# 4463

Delta R.T. -0.01 min

Lab File: VL036479.D

Acq: 25 Mar 2021 9:05

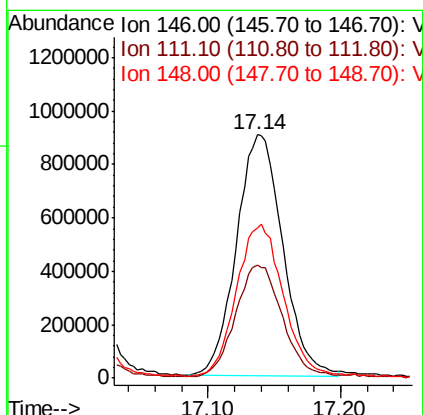
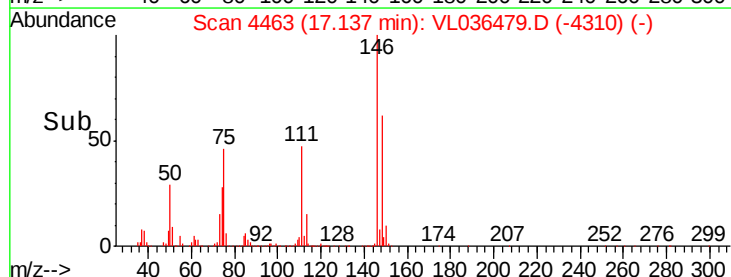
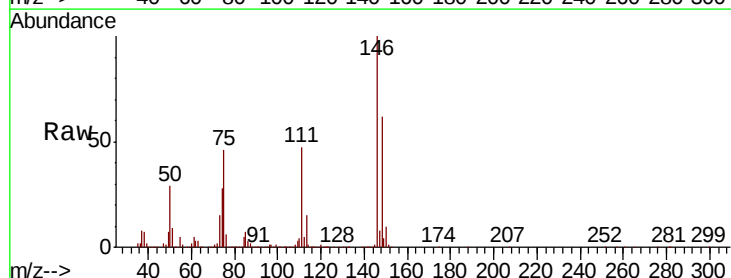
Tgt Ion:146 Resp: 2188634

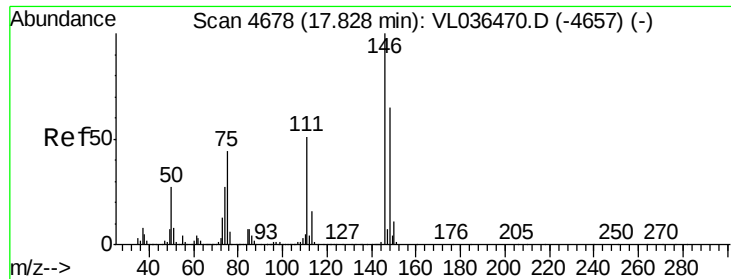
Ion Ratio Lower Upper

146 100

111 47.8 24.3 72.8

148 66.3 33.0 98.9





#77

1,2-Dichlorobenzene

Concen: 8.126 ppbv

RT: 17.82

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 25 Mar 2021 9:05

Tot Ion:1

Ion Rati

146 100

111 50.

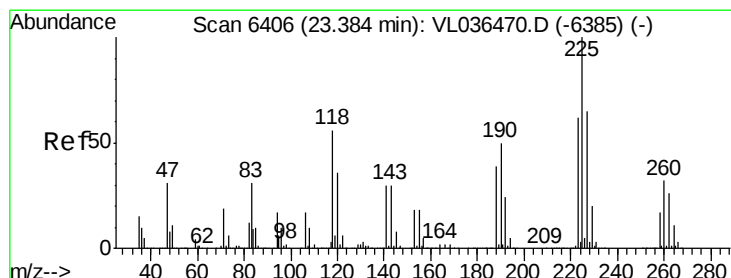
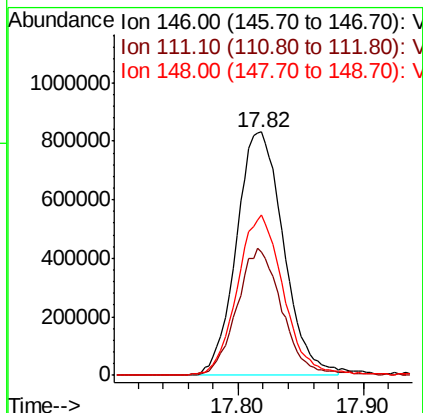
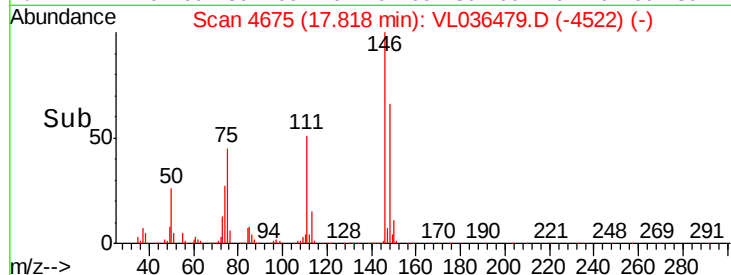
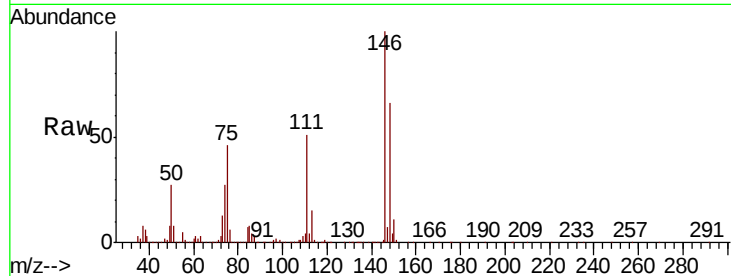
148 66.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/26/2021

Supervised By :Mahesh Dadoda 03/29/2021



#78

Hexachloro-1,3-Butadiene

Concen: 7.934 ppbv

RT: 23.37 min Scan# 6403

Delta R.T. -0.01 min

Lab File: VL036479.D

Acq: 25 Mar 2021 9:05

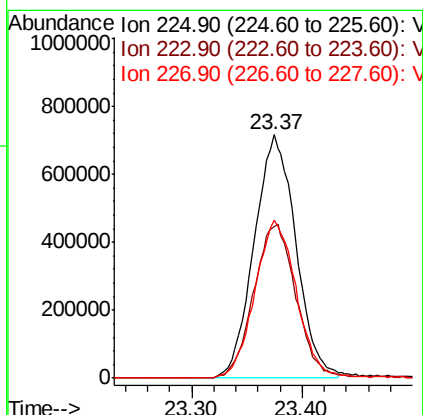
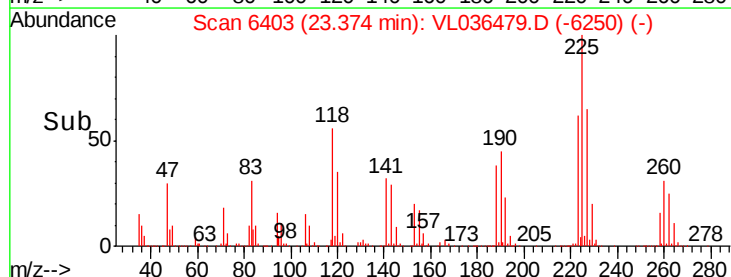
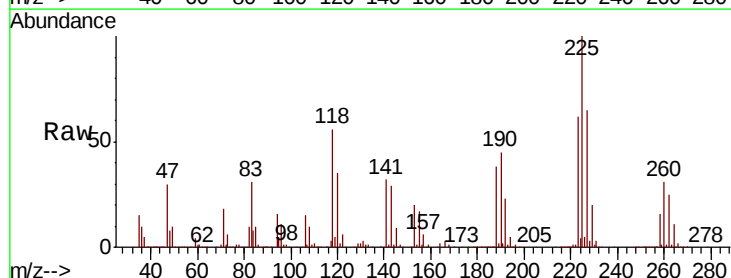
Tgt Ion:225 Resp: 1874362

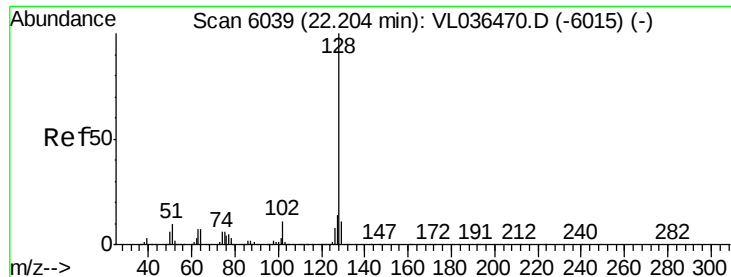
Ion Ratio Lower Upper

225 100

223 64.8 50.6 75.8

227 64.9 52.2 78.2



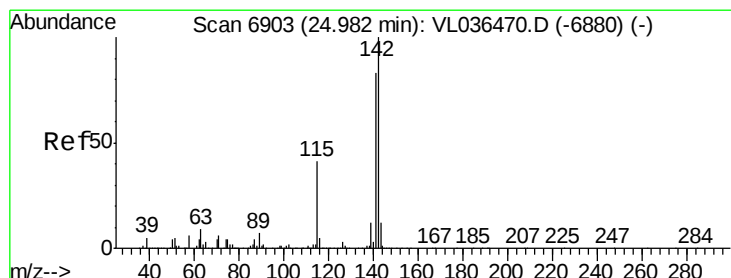
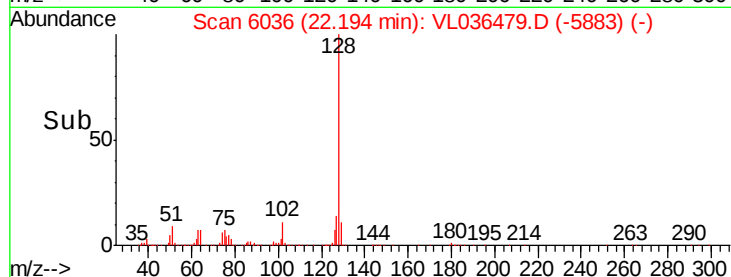
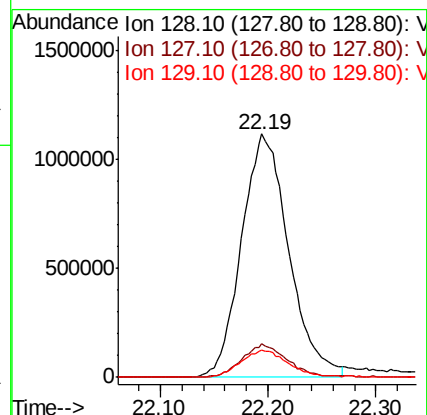
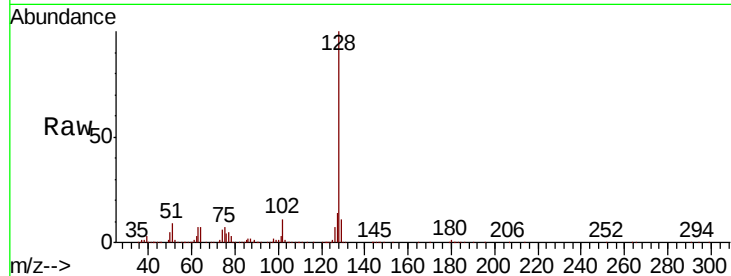


#79
Naphthalene
Concen: 11.672 ppbv
RT: 22.19 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL0325ABS01
Acq: 25 Mar 2021 9:05

Tot Ion:1
Ion Rati
128 100
127 13.
129 11.

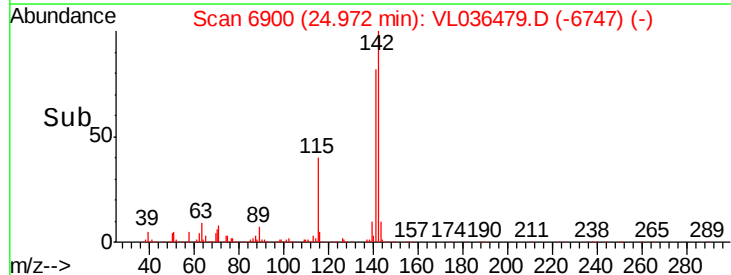
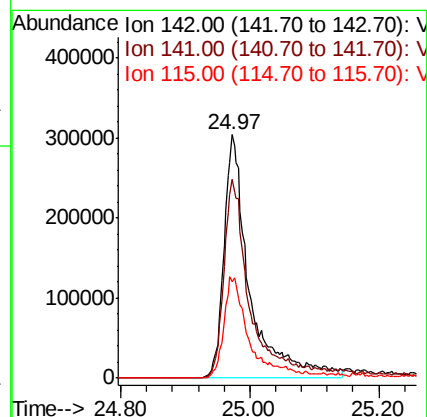
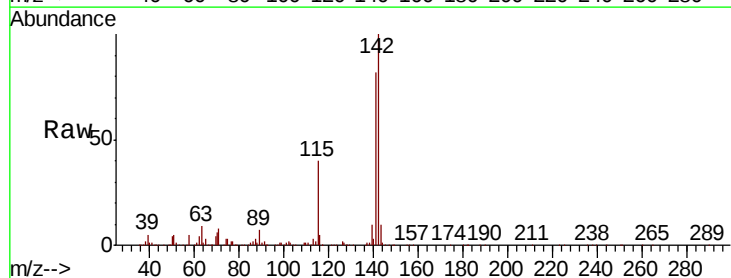
Manual Integrations
APPROVED

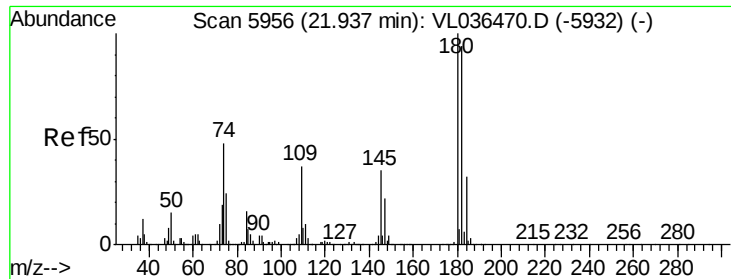
Reviewed By :Semsettin Yesilyurt 03/26/2021
Supervised By :Mahesh Dadoda 03/29/2021



#80
Naphthalene, 2-methyl-
Concen: 14.800 ppbv
RT: 24.97 min Scan# 6900
Delta R.T. -0.01 min
Lab File: VL036479.D
Acq: 25 Mar 2021 9:05

Tgt Ion:142 Resp: 849090
Ion Ratio Lower Upper
142 100
141 81.7 67.8 101.8
115 42.8 34.0 51.0





#81
 1,2,4-Trichlorobenzene
 Concen: 10.053 ppbv
 RT: 21.93
 Instrument : MSVOA_L
 Delta R.T :
 Lab File: ClientSampleId :
 VL0325ABS01
 Acq: 25 Mar 2021 9:05

Tot Ion:1
 Ion Rati
 180 100
 182 103.
 184 33.

Manual Integrations
 APPROVED

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

