

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL032421\
 Data File : VL036461.D
 Acq On : 24 Mar 2021 9:18
 Operator :
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

Quant Time: Mar 25 07:25:29 2021

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL030321A

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

QLast Update : Wed Mar 03 14:18:24 2021

Response via : Initial Calibration

Reviewed By : Semsettin Yesilyurt 03/25/2021
 Supervised By : Mahesh Dadoda 03/25/2021

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1658175	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.17	114	3958554	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.08	117	3739555	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	3155178	10.26	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.60%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	3.04	85	2020835	8.818	ppbv	98
3) Chlorodifluoromethane	2.98	51	1881337	9.593	ppbv	99
4) Chloromethane	3.13	50	915359	9.821	ppbv	98
5) Vinyl Chloride	3.25	62	922473	10.483	ppbv	97
6) Bromomethane	3.47	94	541310	9.922	ppbv	97
7) Chloroethane	3.55	64	315773	9.526	ppbv	96
8) Dichlorotetrafluoroethane	3.18	85	2113673	9.389	ppbv	98
9) Propene	3.00	41	841248	9.843	ppbv	99
10) Heptane	8.11	43	2187511	10.382	ppbv	100
11) Trichlorofluoromethane	3.94	101	2243889	9.482	ppbv	97
12) 1,1,2-Trichlorotrifluoroet	4.47	101	1471688	9.751	ppbv	100
13) Ethanol	3.60	45	162869m	12.421	ppbv	
14) Bromoethene	3.73	108	621177	9.913	ppbv	99
15) Acetone	3.84	43	1755062	9.262	ppbv	100
16) 1,3-Butadiene	3.32	39	882195	9.652	ppbv	99
17) tert-Butyl alcohol	4.29	59	1690037	11.248	ppbv	100
18) 1,1-Dichloroethene	4.28	96	636010	9.475	ppbv	94
19) Isopropyl Alcohol	3.96	45	1120366	10.520	ppbv #	96
20) Methylene Chloride	4.33	84	562383	8.804	ppbv	94
21) Allyl Chloride	4.40	41	1026147	9.604	ppbv	96
22) trans-1,2-Dichloroethene	4.88	96	600260	9.876	ppbv	96
23) Vinyl Acetate	5.06	43	2250605	10.494	ppbv	99
24) 1,1-Dichloroethane	5.00	63	1709924	10.102	ppbv	99
25) Ethyl Acetate	5.67	43	3657038	9.926	ppbv	99
26) Hexane	5.68	57	1489704	9.881	ppbv	99
27) Carbon Disulfide	4.54	76	1632802	10.913	ppbv	100
28) Methyl tert-Butyl Ether	5.02	73	2012908	9.964	ppbv	99
29) Chloroform	5.74	83	2428450	9.846	ppbv	97
30) Cyclohexane	7.12	84	1294182	10.389	ppbv	98
31) cis-1,2-Dichloroethene	5.54	61	1495687	10.271	ppbv	96
32) 1,1,1-Trichloroethane	6.50	97	2361598	9.529	ppbv	99
34) 2-Butanone	5.24	43	2265527	9.495	ppbv	99
35) Carbon Tetrachloride	7.01	117	2494829	9.754	ppbv	98
36) Benzene	6.88	78	3123831	10.170	ppbv	100
37) 1,2-Dichloroethane	6.30	62	1838205	9.524	ppbv	100
38) Trichloroethene	7.83	130	1121226	9.659	ppbv	99
39) 1,2-Dichloropropane	7.60	63	1260430	9.650	ppbv	97
40) 1,4-Dioxane	7.82	88	423178	9.870	ppbv #	1
41) Tetrahydrofuran	6.04	42	1373253	10.319	ppbv	99
42) Bromodichloromethane	7.78	83	2553990	9.792	ppbv	98
43) Methyl Methacrylate	8.01	69	1386354	11.144	ppbv	98

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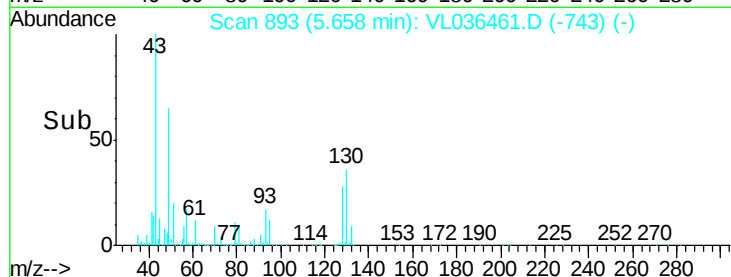
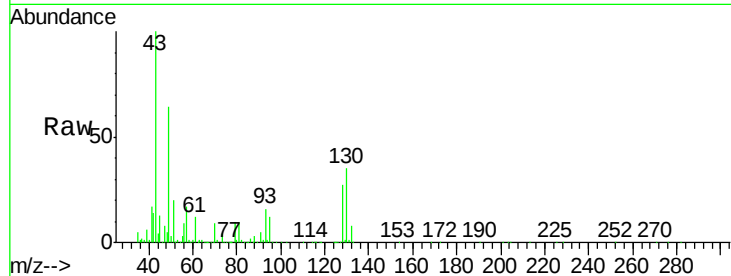
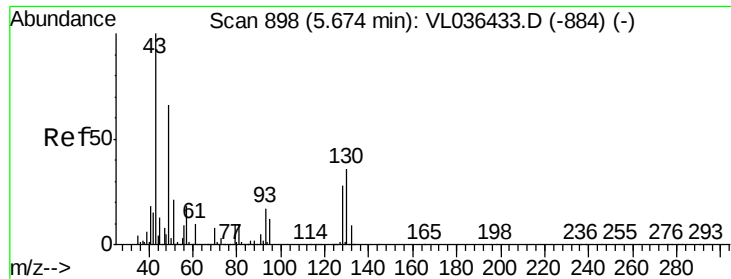
Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 03/25/2021
 Supervised By : Mahesh Dadoda 03/25/2021

Quant Time: Mar 25 07:25:29 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL030321A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Wed Mar 03 14:18:24 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.86	57	5391889	9.627	ppbv	100
45) t-1,3-Dichloropropene	9.27	75	1459409	12.054	ppbv	99
46) cis-1,3-Dichloropropene	8.70	75	1802026	11.401	ppbv	100
47) 1,1,2-Trichloroethane	9.46	97	1275177	9.794	ppbv	99
48) Dibromochloromethane	10.29	129	2142461	10.866	ppbv	100
49) Bromoform	13.03	173	1803882	11.183	ppbv	99
50) 4-Methyl-2-Pentanone	8.73	43	3619957	10.421	ppbv	99
51) 2-Hexanone	10.12	43	2970135	11.310	ppbv #	99
52) Tetrachloroethene	11.22	164	1065874	9.253	ppbv	98
53) Toluene	9.80	91	3534753	10.685	ppbv	100
54) 1,2-Dibromoethane	10.60	107	1909065	10.156	ppbv	97
56) 1,1,1,2-Tetrachloroethane	12.12	131	1611931	9.727	ppbv #	60
57) Chlorobenzene	12.14	112	2625806	9.722	ppbv	96
58) Ethyl Benzene	12.70	91	4839072	10.415	ppbv	98
59) m/p-Xylene	12.99	91	8266250m	20.121	ppbv	
60) o-Xylene	13.69	91	3920341	9.934	ppbv	99
61) Styrene	13.52	104	2764212	11.518	ppbv	100
62) Isopropylbenzene	14.66	105	5801373	9.749	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.67	83	2812737	9.116	ppbv	100
64) n-propylbenzene	15.55	120	1534827	10.326	ppbv	99
65) tert-Butylbenzene	16.74	119	5045039	9.745	ppbv	99
66) Benzyl Chloride	16.98	91	1810536	12.527	ppbv	99
67) sec-Butylbenzene	17.29	105	7102606	9.824	ppbv	100
69) p-Isopropyltoluene	17.64	119	5871321	10.150	ppbv	100
70) n-Butylbenzene	18.54	91	6045260	10.110	ppbv	100
71) 2-Chlorotoluene	15.45	91	4534408	10.130	ppbv	99
72) 4-Ethyltoluene	15.83	105	4492940	10.482	ppbv	99
73) 1,3,5-Trimethylbenzene	15.99	105	4272724	10.274	ppbv	100
74) 1,2,4-Trimethylbenzene	16.76	105	4371251	9.900	ppbv	99
75) 1,3-Dichlorobenzene	16.99	146	2447578	9.982	ppbv	100
76) 1,4-Dichlorobenzene	17.13	146	2344122	9.567	ppbv	99
77) 1,2-Dichlorobenzene	17.81	146	2370867	9.875	ppbv	100
78) Hexachloro-1,3-Butadiene	23.37	225	1651381	8.643	ppbv	99
79) Naphthalene	22.19	128	3097685	11.977	ppbv	99
80) Naphthalene, 2-methyl-	24.97	142	1048115	18.742	ppbv	96
81) 1,2,4-Trichlorobenzene	21.92	180	1650493	11.102	ppbv	98

(#) = 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: VSTDCCC010

Acq: 24 Mar 2021 9:18

Tot Ion:

Ion Ratio

49 100

128 44.

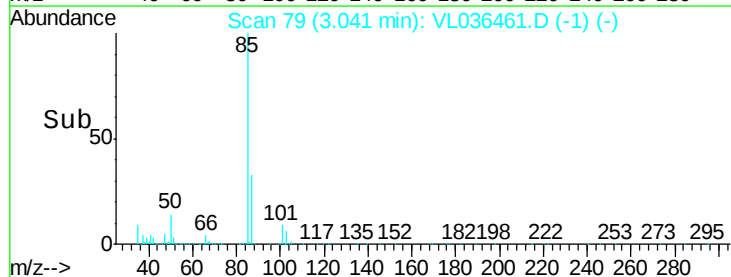
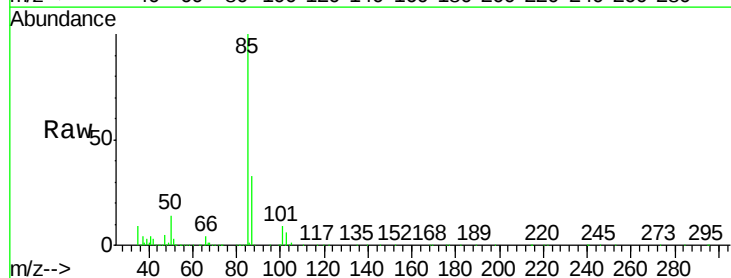
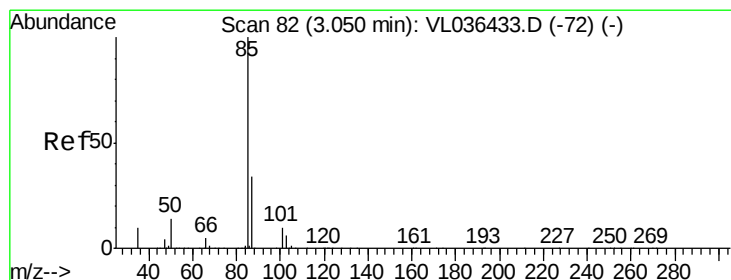
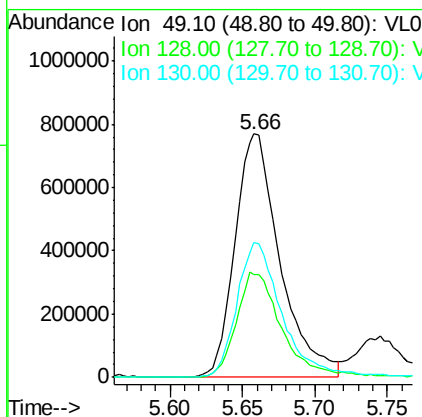
130 56.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/25/2021

Supervised By :Mahesh Dadoda 03/25/2021



#2

Dichlorodifluoromethane

Concen: 8.818 ppbv

RT: 3.04 min Scan# 79

Delta R.T. -0.01 min

Lab File: VL036461.D

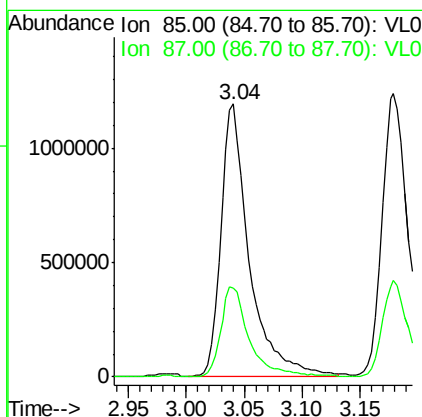
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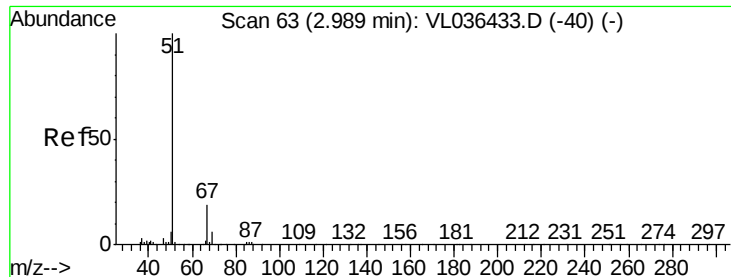
Tgt Ion: 85 Resp: 2020835

Ion Ratio Lower Upper

85 100

87 32.5 27.1 40.7



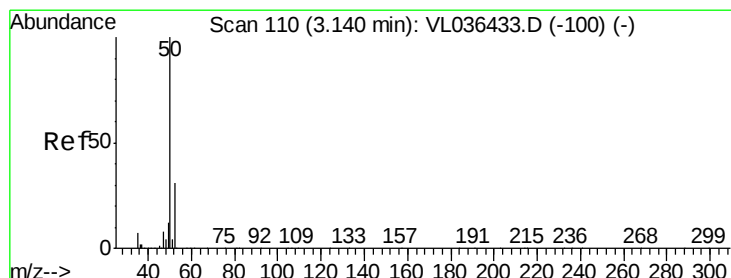
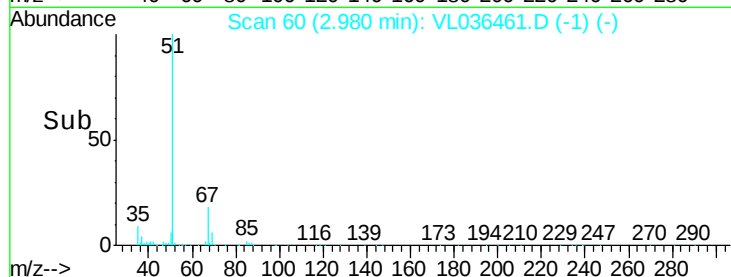
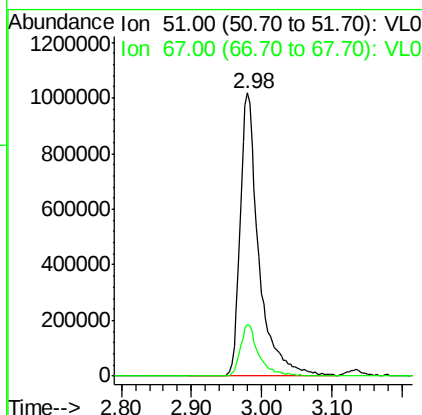
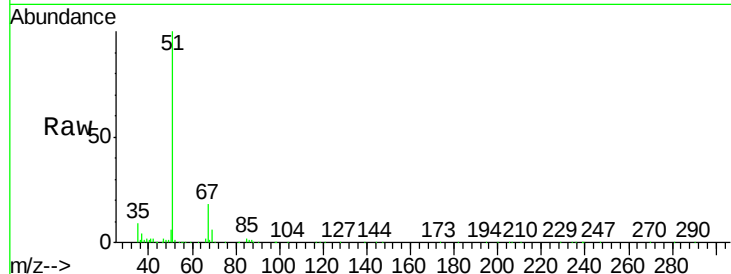


#3
Chlorodifluoromethane
Concen: 9.593 ppbv
RT: 2.98 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 24 Mar 2021 9:18

Tot Ion:
Ion Ratio
51 100
67 18.

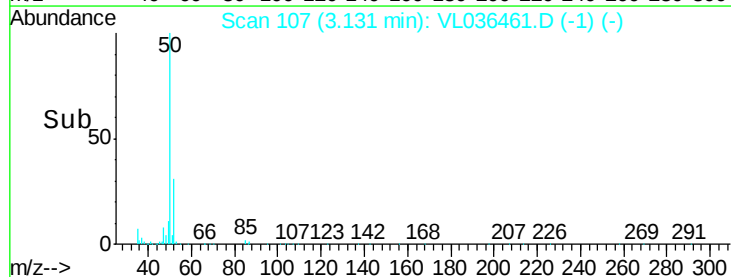
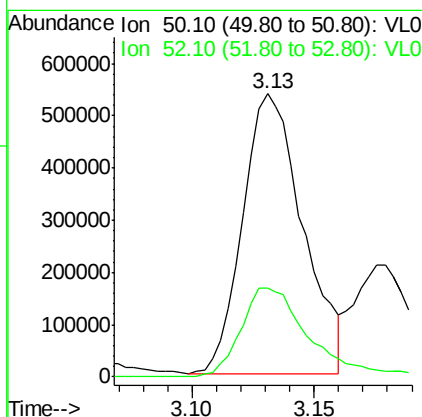
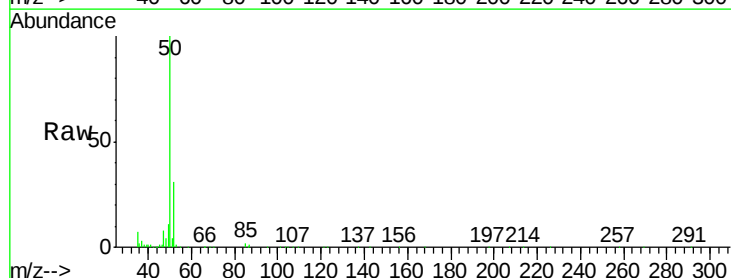
Manual Integrations
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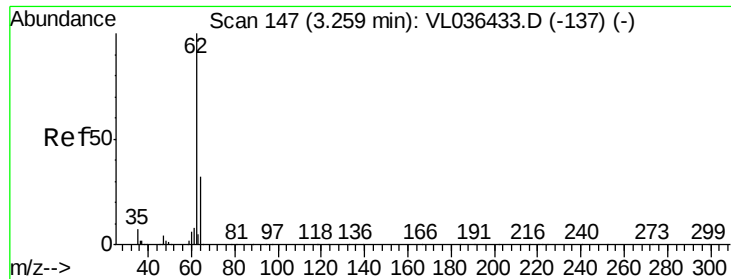
Reviewed By :Semsettin Yesilyurt 03/25/2021
Supervised By :Mahesh Dadoda 03/25/2021



#4
Chloromethane
Concen: 9.821 ppbv
RT: 3.13 min Scan# 107
Delta R.T. -0.01 min
Lab File: VL036461.D
Acq: 24 Mar 2021 9:18

Tgt Ion: 50 Resp: 915359
Ion Ratio Lower Upper
50 100
52 31.8 24.6 36.8





#5

Vinyl Chloride

Concen: 10.483 ppbv

RT: 3.25 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 24 Mar 2021 9:18 VSTDCCC010

Tot Ion:

Ion Ratio

62 100

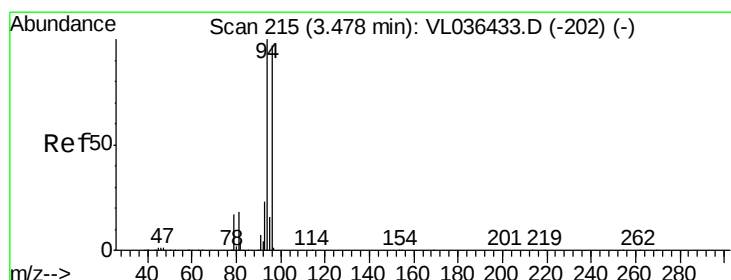
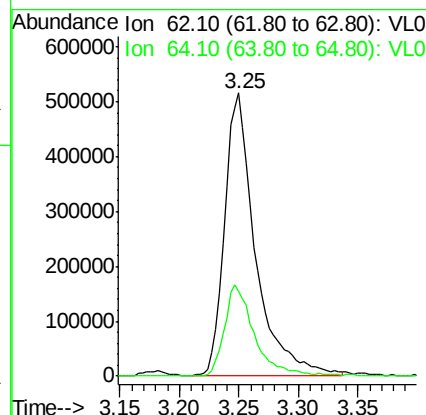
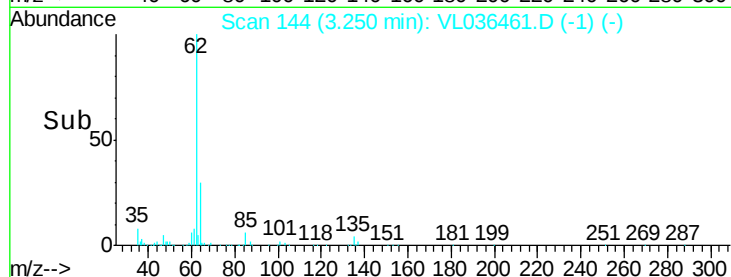
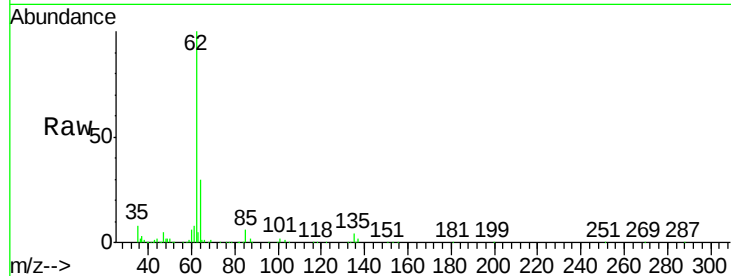
64 30.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/25/2021

Supervised By :Mahesh Dadoda 03/25/2021



#6

Bromomethane

Concen: 9.922 ppbv

RT: 3.47 min Scan# 211

Delta R.T. -0.01 min

Lab File: VL036461.D

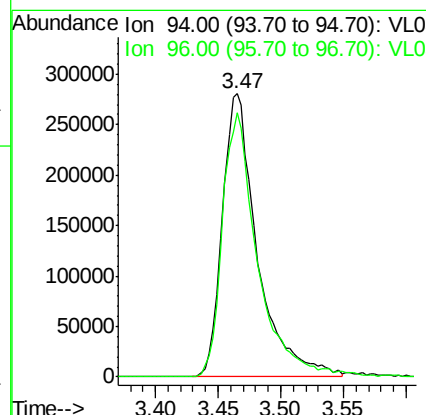
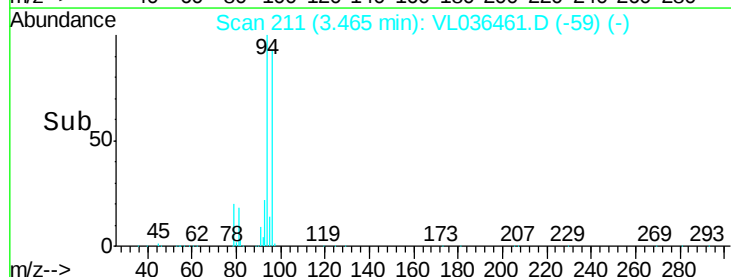
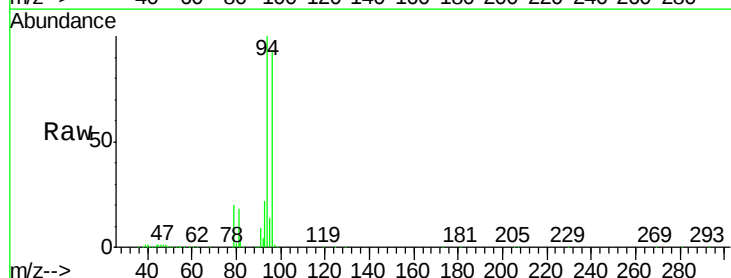
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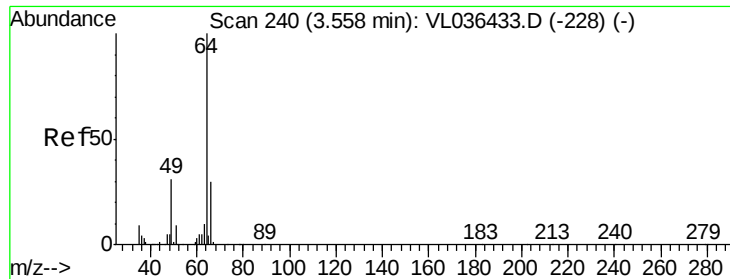
Tgt Ion: 94 Resp: 541310

Ion Ratio Lower Upper

94 100

96 93.2 77.3 115.9





#7

Chloroethane

Concen: 9.526 ppbv

RT: 3.55 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 24 Mar 2021 9:18

Tot Ion:

Ion Ratio

64 100

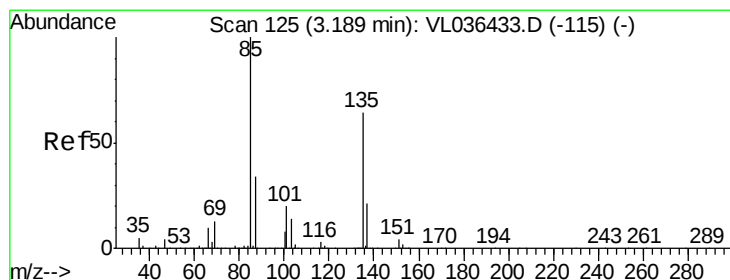
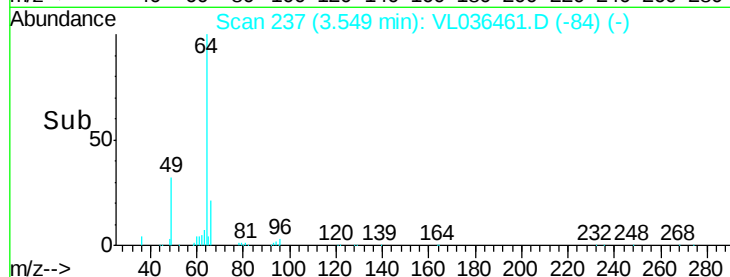
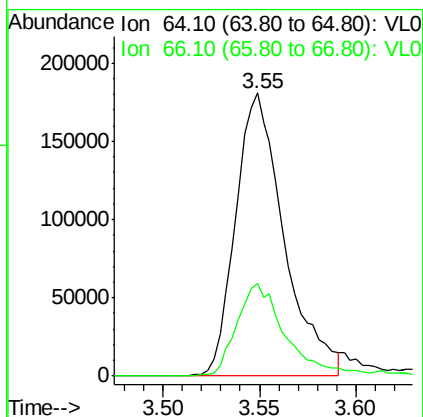
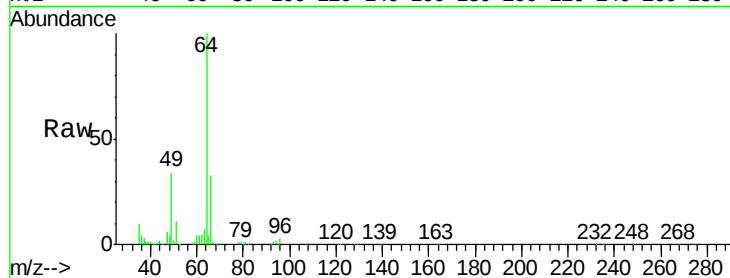
66 32.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/25/2021

Supervised By :Mahesh Dadoda 03/25/2021



#8

Dichlorotetrafluoroethane

Concen: 9.389 ppbv

RT: 3.18 min Scan# 122

Delta R.T. -0.01 min

Lab File: VL036461.D

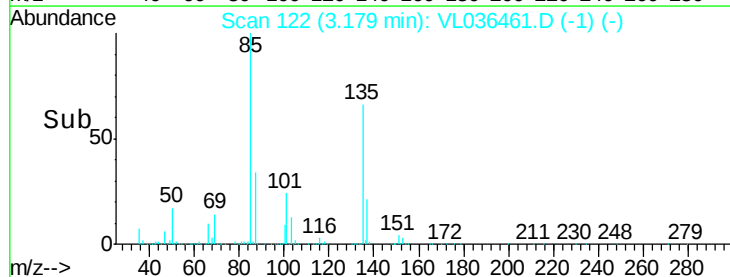
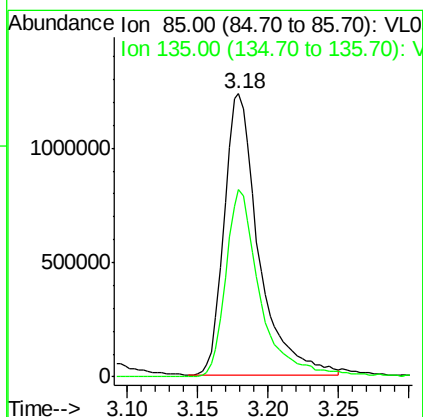
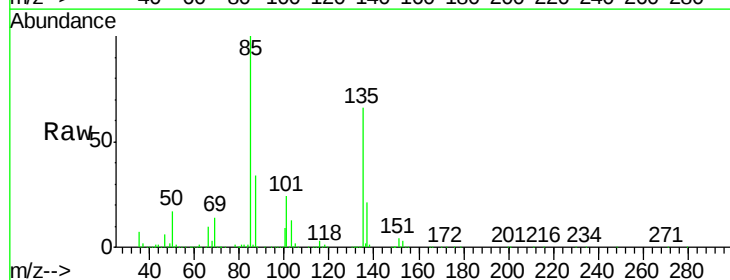
Acq: 24 Mar 2021 9:18

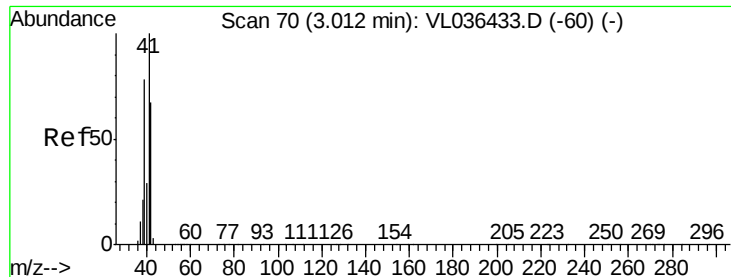
Tgt Ion: 85 Resp: 2113673

Ion Ratio Lower Upper

85 100

135 67.4 52.8 79.2



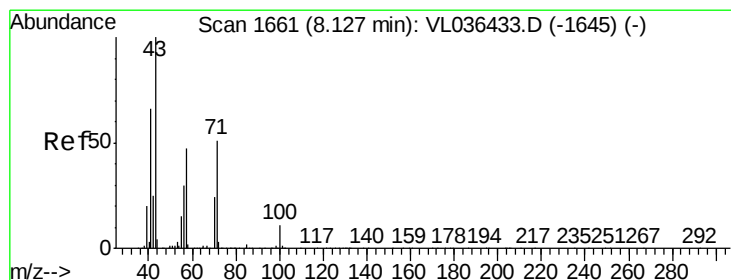
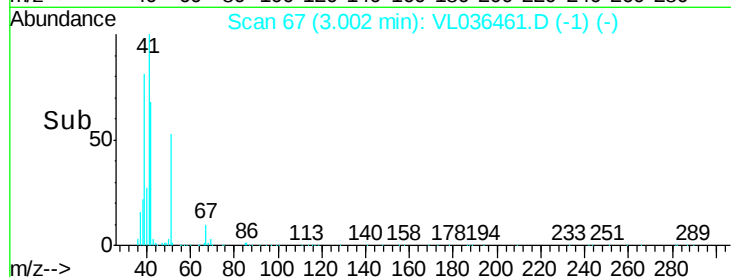
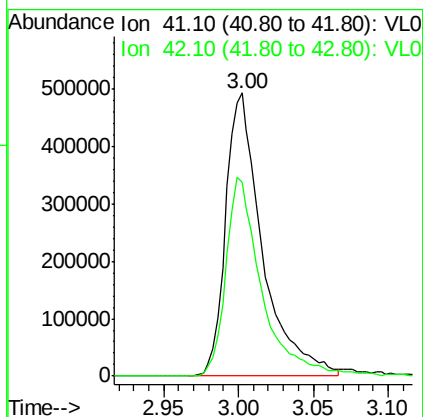
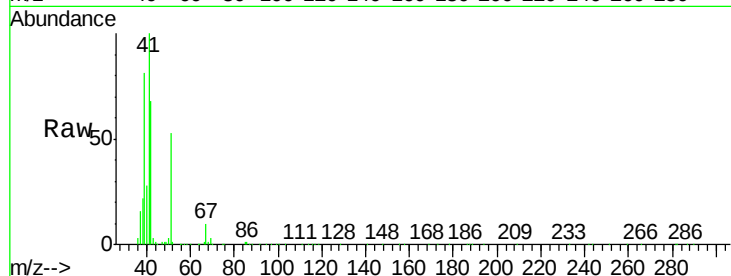


#9
 Propene
 Concen: 9.843 ppbv
 RT: 3.00
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 24 Mar 2021 9:18

Tot Ion:
 Ion Ratio
 41 100
 42 69.

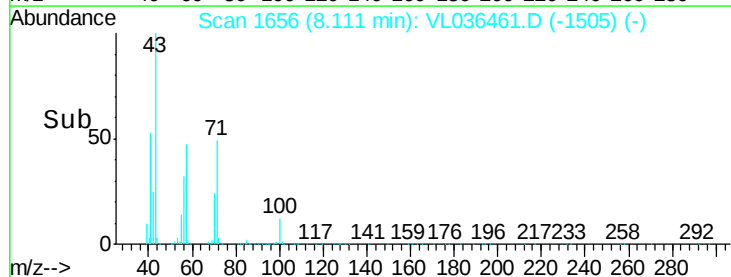
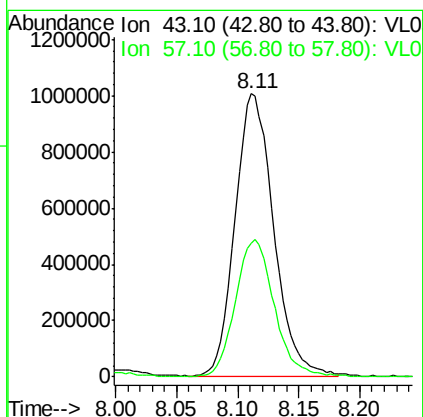
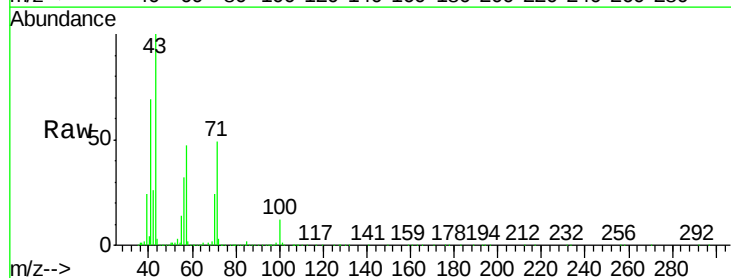
Manual Integrations
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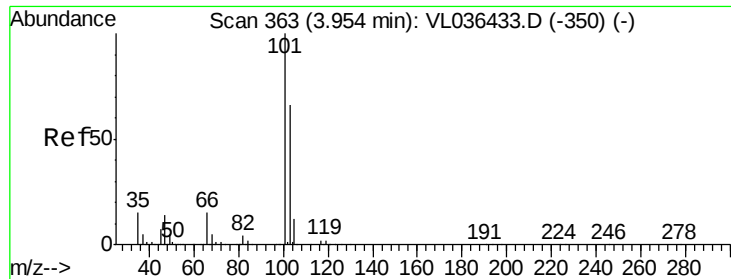
Reviewed By :Semsettin Yesilyurt 03/25/2021
 Supervised By :Mahesh Dadoda 03/25/2021



#10
 Heptane
 Concen: 10.382 ppbv
 RT: 8.11 min Scan# 1656
 Delta R.T. -0.02 min
 Lab File: VL036461.D
 Acq: 24 Mar 2021 9:18

Tgt Ion: 43 Resp: 2187511
 Ion Ratio Lower Upper
 43 100
 57 49.0 39.1 58.7



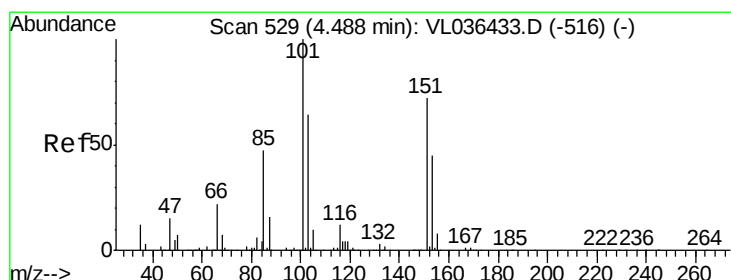
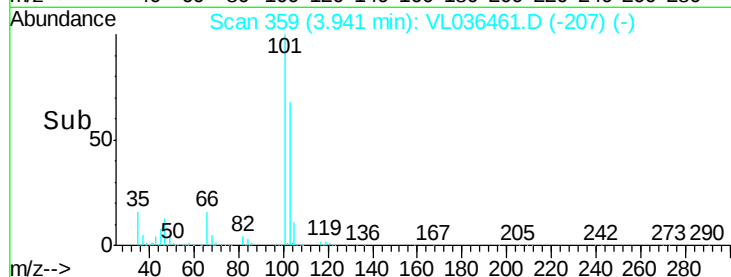
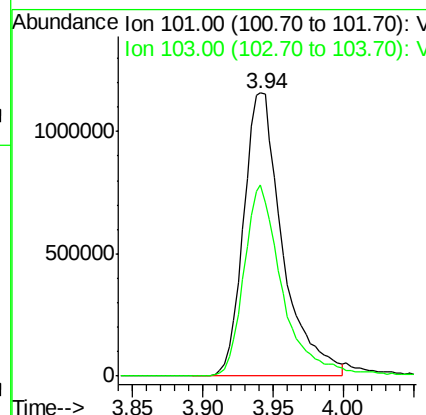
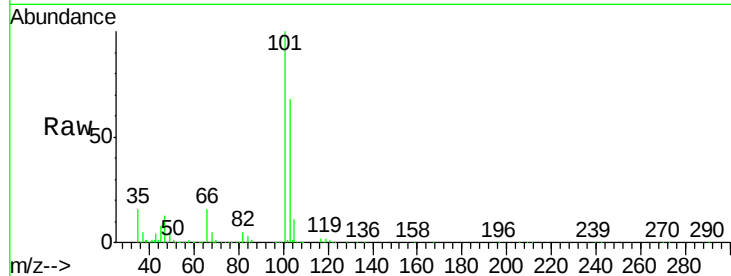


#11
 Trichlorofluoromethane
 Concen: 9.482 ppbv
 RT: 3.94
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 24 Mar 2021 9:18

Tot Ion:1
 Ion Rati
 101 100
 103 67.

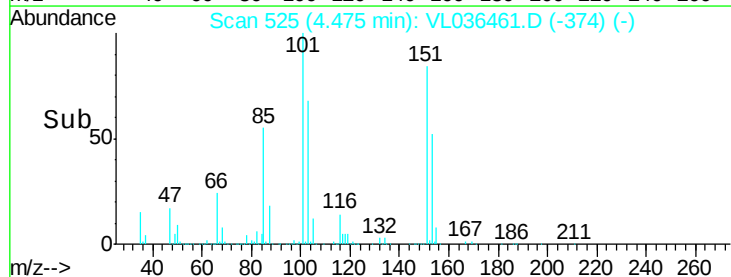
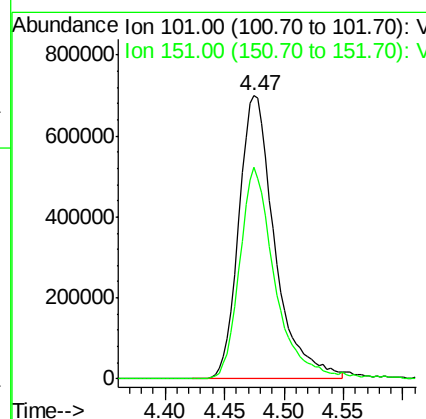
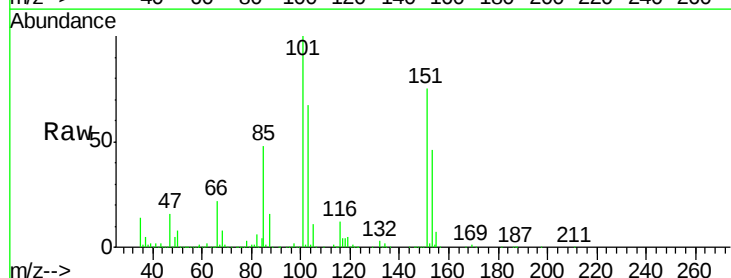
Manual Integrations
 APPROVED

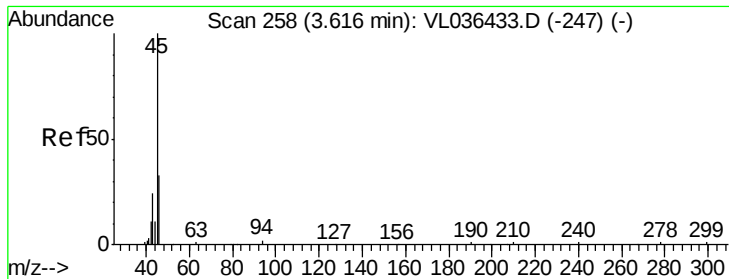
Reviewed By :Semsettin Yesilyurt 03/25/2021
 Supervised By :Mahesh Dadoda 03/25/2021



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.751 ppbv
 RT: 4.47 min Scan# 525
 Delta R.T. -0.01 min
 Lab File: VL036461.D
 Acq: 24 Mar 2021 9:18

Tgt Ion:101 Resp: 1471688
 Ion Ratio Lower Upper
 101 100
 151 73.7 59.0 88.4



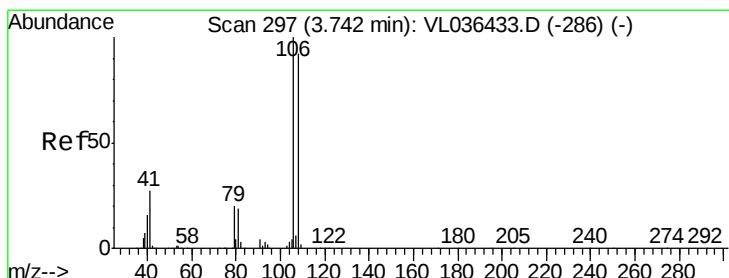
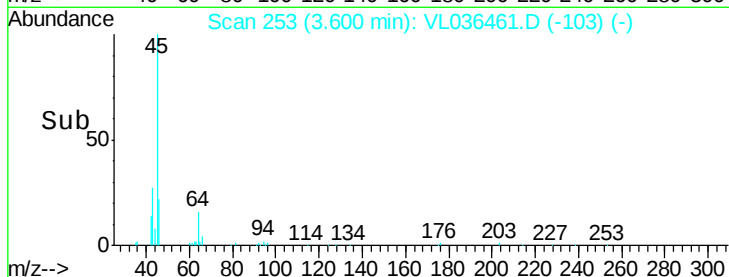
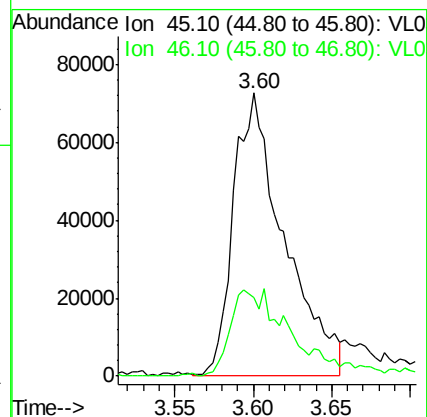
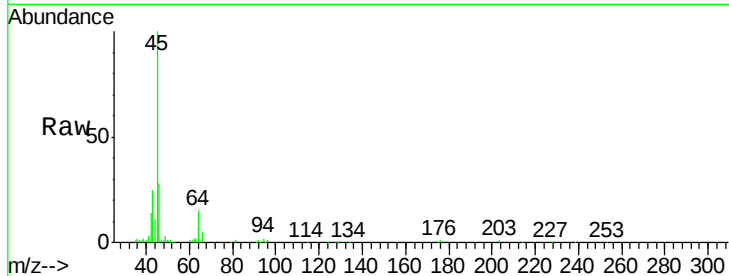


#13
Ethanol
Concen: 12.421 ppbv m
RT: 3.60
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 24 Mar 2021 9:18

Tot Ion:
Ion Ratio
45 100
46 37.

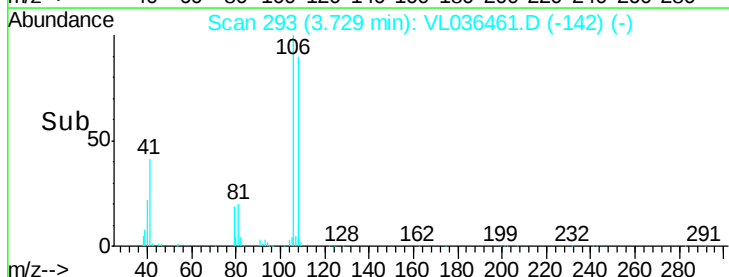
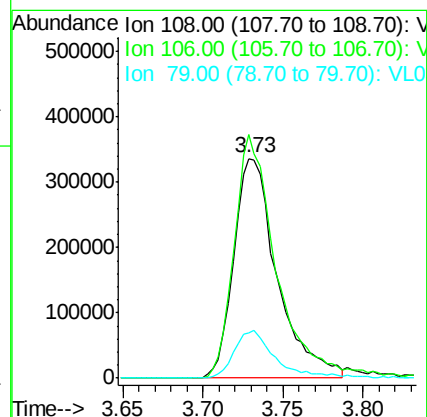
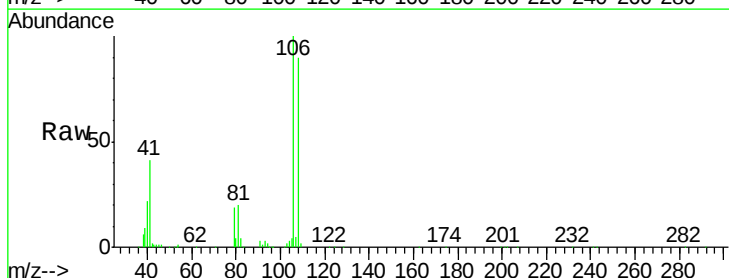
Manual Integrations
APPROVED

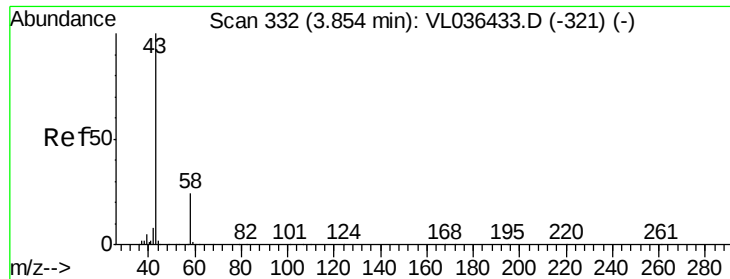
Reviewed By :Semsettin Yesilyurt 03/25/2021
Supervised By :Mahesh Dadoda 03/25/2021



#14
Bromoethene
Concen: 9.913 ppbv
RT: 3.73 min Scan# 293
Delta R.T. -0.01 min
Lab File: VL036461.D
Acq: 24 Mar 2021 9:18

Tgt Ion:108 Resp: 621177
Ion Ratio Lower Upper
108 100
106 109.5 87.0 130.4
79 21.2 17.1 25.7



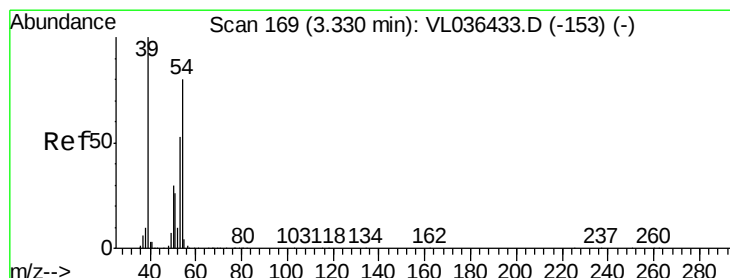
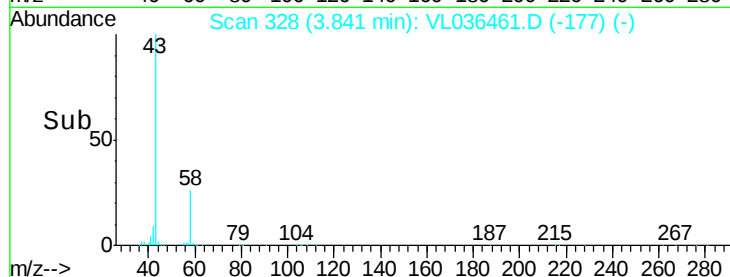
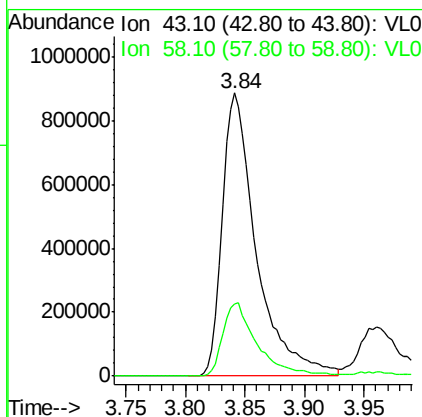
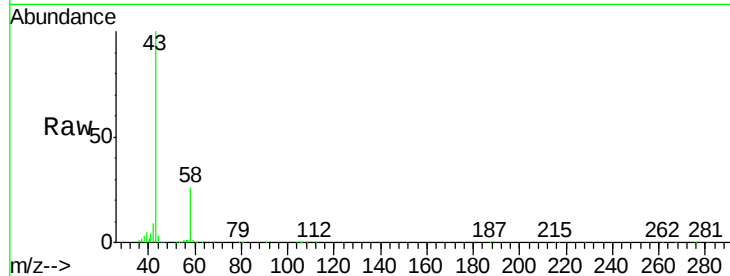


#15
Acetone
Concen: 9.262 ppbv
RT: 3.84
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 24 Mar 2021 9:18

Tot Ion:
Ion Ratio
43 100
58 26.

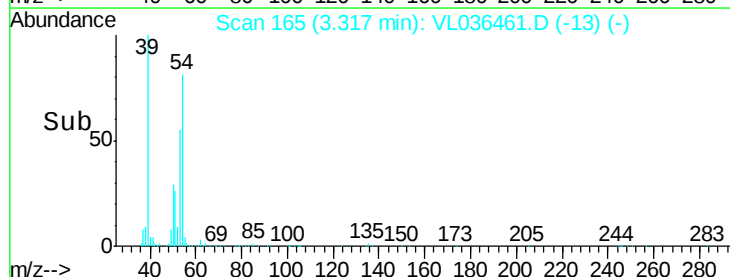
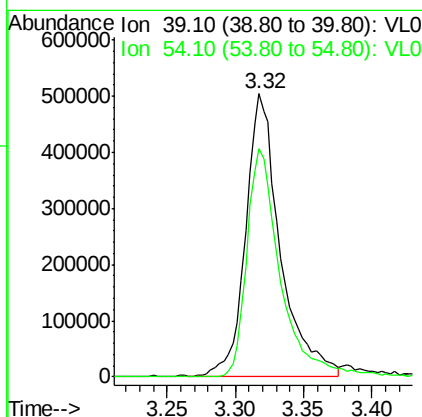
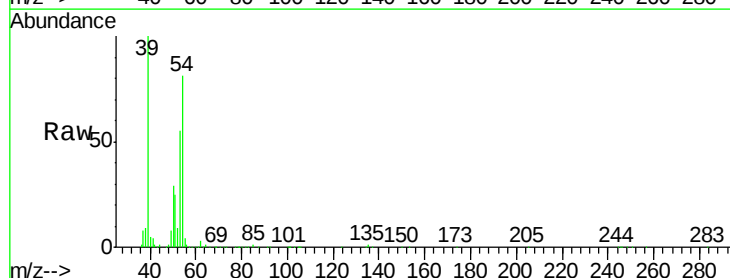
Manual Integrations
APPROVED

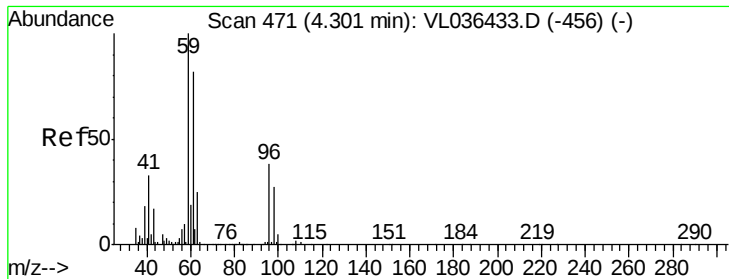
Reviewed By :Semsettin Yesilyurt 03/25/2021
Supervised By :Mahesh Dadoda 03/25/2021



#16
1,3-Butadiene
Concen: 9.652 ppbv
RT: 3.32 min Scan# 165
Delta R.T. -0.01 min
Lab File: VL036461.D
Acq: 24 Mar 2021 9:18

Tgt Ion: 39 Resp: 882195
Ion Ratio Lower Upper
39 100
54 79.6 64.5 96.7





#17

tert-Butyl alcohol

Concen: 11.248 ppbv

RT: 4.29 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 24 Mar 2021 9:18 VSTDCC010

Tot Ion:

Ion Ratio

59 100

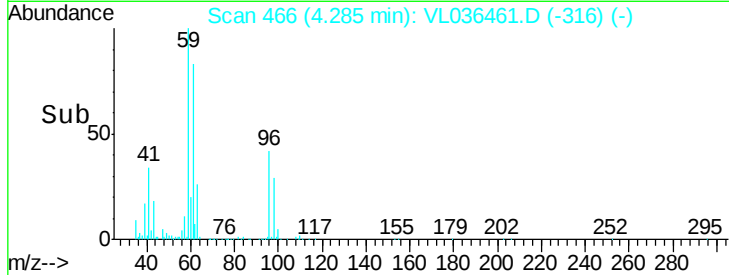
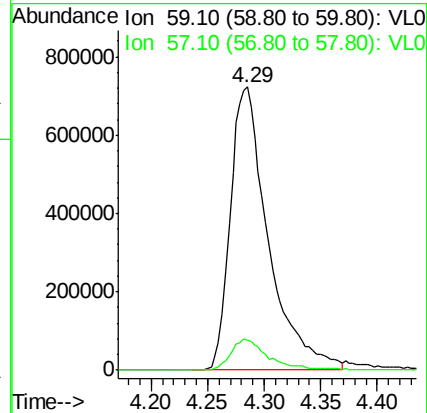
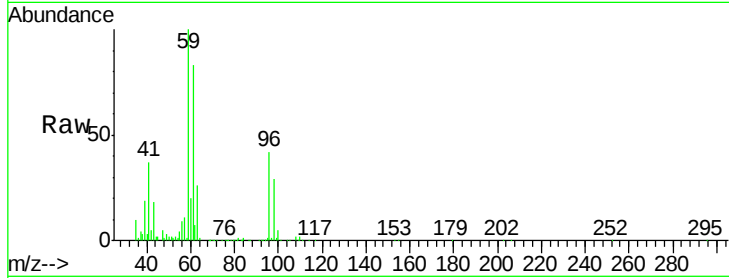
57 11.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/25/2021

Supervised By :Mahesh Dadoda 03/25/2021



#18

1,1-Dichloroethene

Concen: 9.475 ppbv

RT: 4.28 min Scan# 465

Delta R.T. -0.01 min

Lab File: VL036461.D

Acq: 24 Mar 2021 9:18

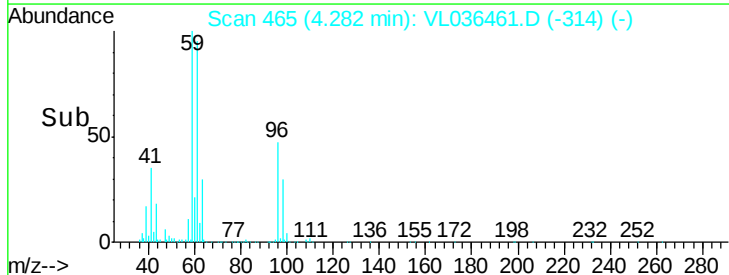
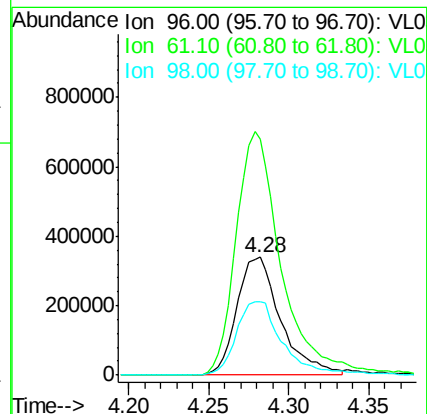
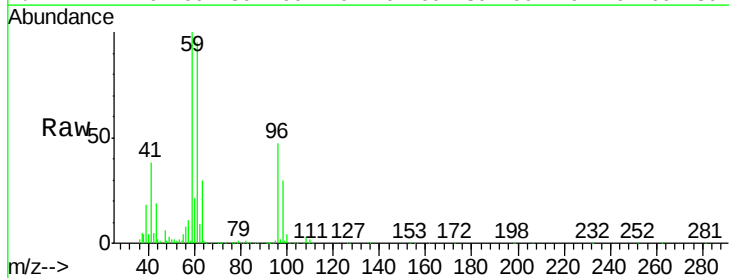
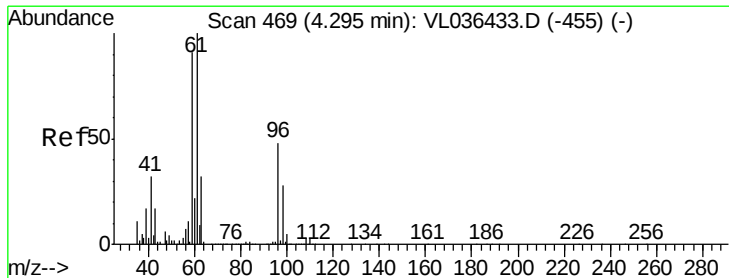
Tgt Ion: 96 Resp: 636010

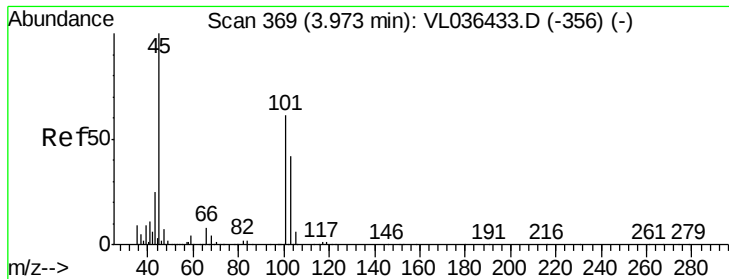
Ion Ratio Lower Upper

96 100

61 200.3 168.2 252.2

98 62.7 47.8 71.6





#19

Isopropyl Alcohol

Concen: 10.520 ppbv

RT: 3.96 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 24 Mar 2021 9:18

Tot Ion:

Ion Ratio

45 100

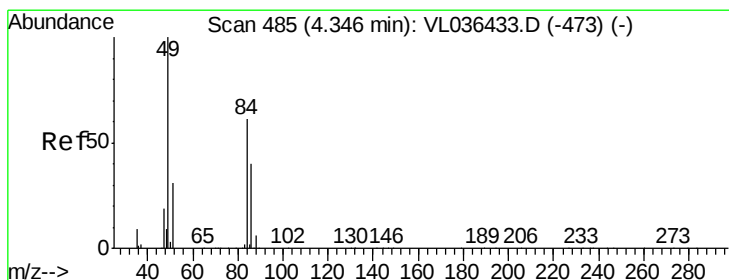
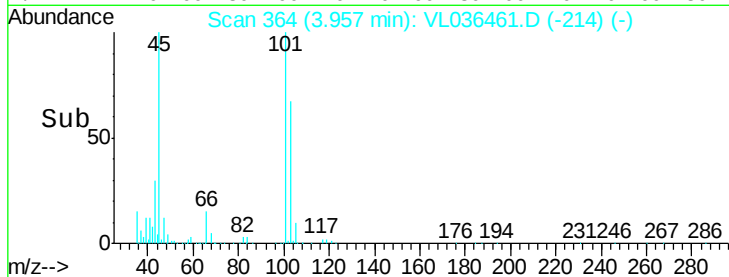
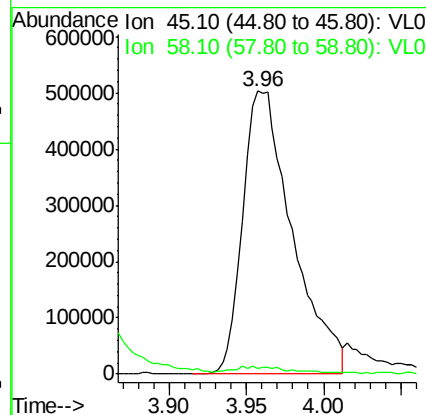
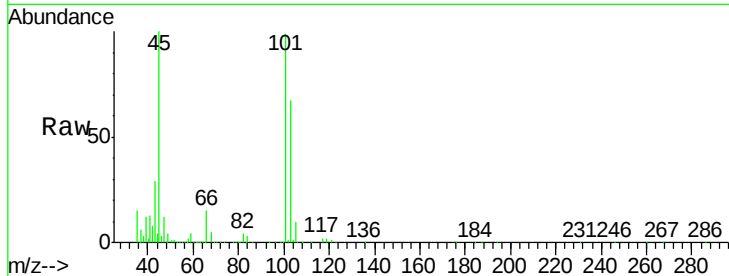
58 3.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/25/2021

Supervised By :Mahesh Dadoda 03/25/2021



#20

Methylene Chloride

Concen: 8.804 ppbv

RT: 4.33 min Scan# 481

Delta R.T. -0.01 min

Lab File: VL036461.D

Acq: 24 Mar 2021 9:18

Tgt Ion: 84 Resp: 562383

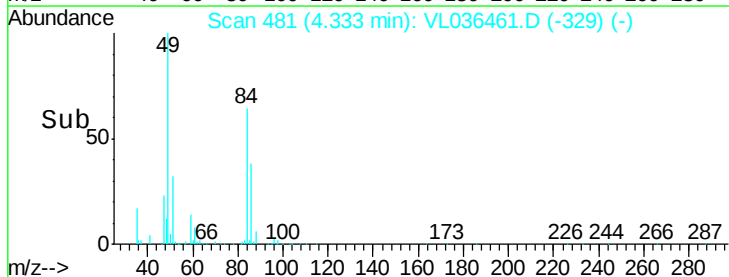
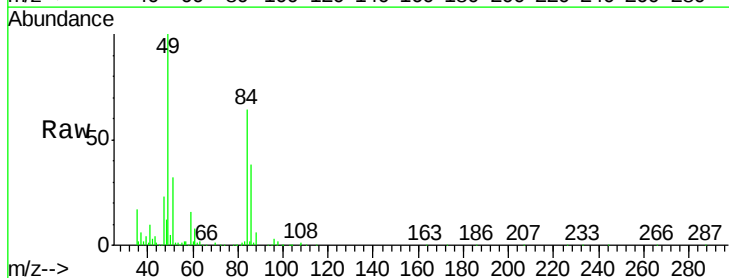
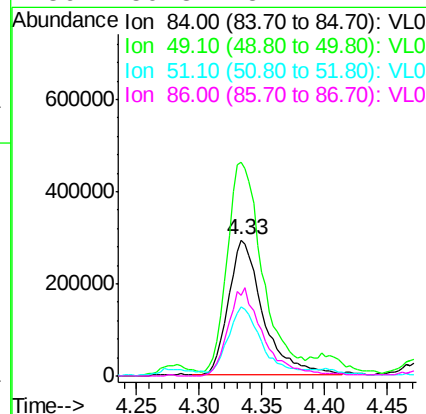
Ion Ratio Lower Upper

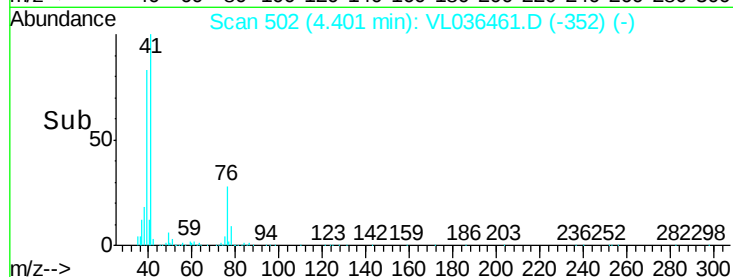
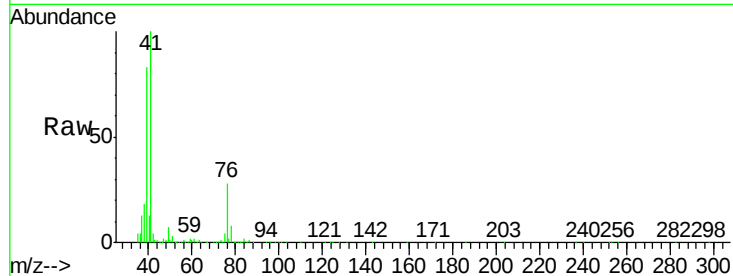
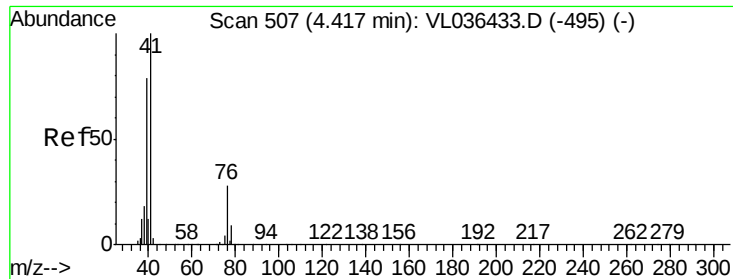
84 100

49 153.2 130.2 195.2

51 48.3 40.5 60.7

86 59.8 51.4 77.2



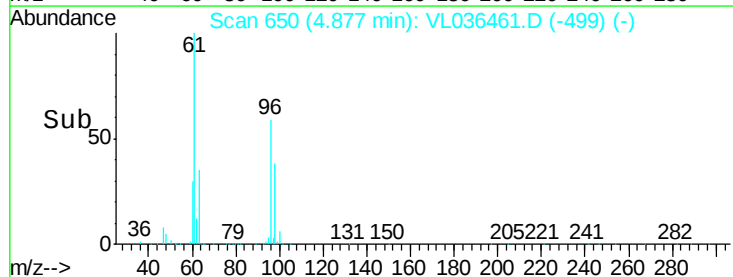
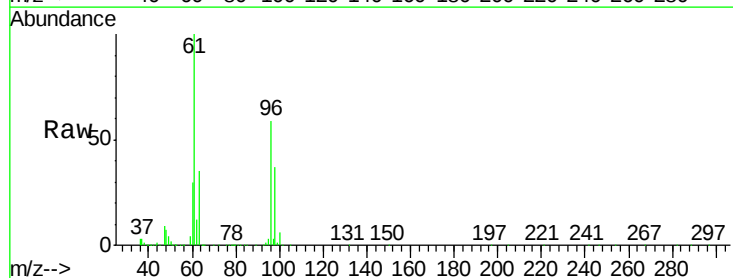
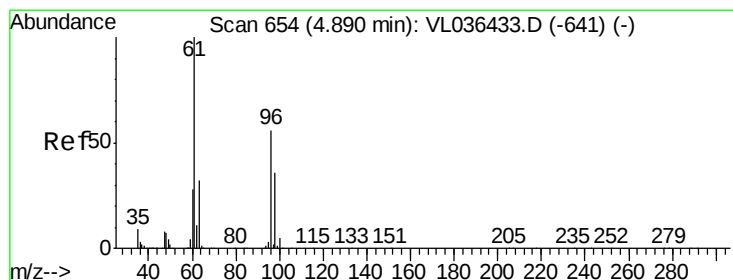
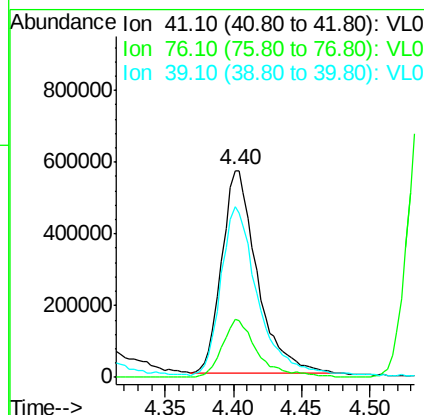


#21
Allvl Chloride
Concen: 9.604 ppbv
RT: 4.40
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 24 Mar 2021 9:18

Tot Ion:
Ion Ratio
41 100
76 28.
39 86.

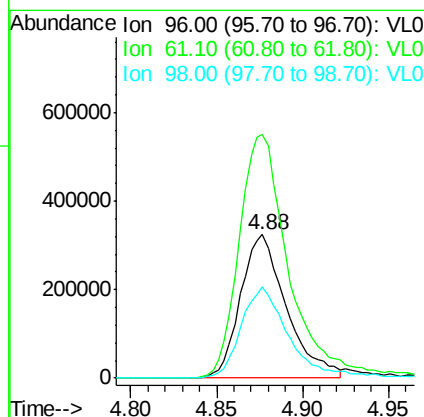
Manual Integrations
APPROVED

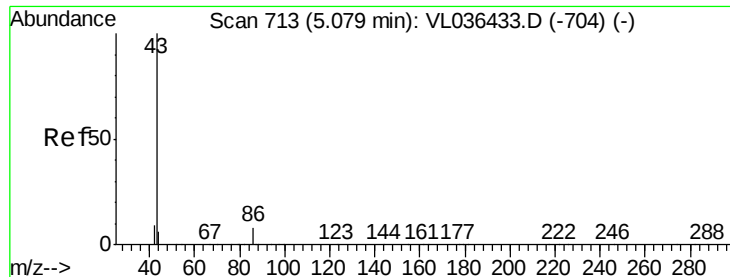
Reviewed By :Semsettin Yesilyurt 03/25/2021
Supervised By :Mahesh Dadoda 03/25/2021



#22
trans-1,2-Dichloroethene
Concen: 9.876 ppbv
RT: 4.88 min Scan# 650
Delta R.T. -0.01 min
Lab File: VL036461.D
Acq: 24 Mar 2021 9:18

Tgt Ion: 96 Resp: 600260
Ion Ratio Lower Upper
96 100
61 169.5 142.1 213.1
98 63.2 50.6 75.8





#23

Vinyl Acetate

Concen: 10.494 ppbv

RT: 5.06 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

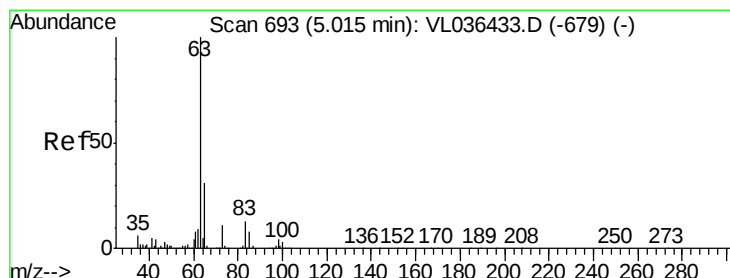
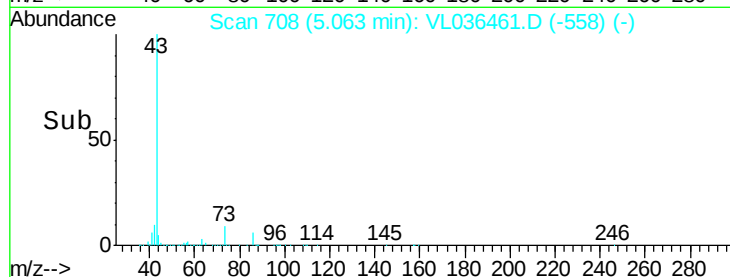
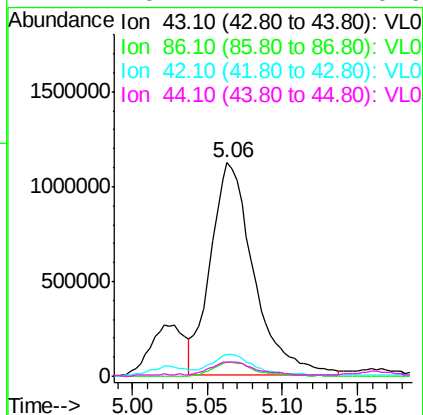
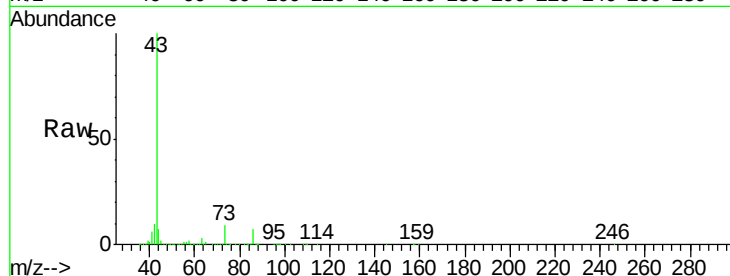
Acq: 24 Mar 2021 9:18 VSTDCCC010

Tot Ion: 43 100 86 6. 42 10. 44 6.1 4.4 6.6

Ion Ratio

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 03/25/2021
Supervised By :Mahesh Dadoda 03/25/2021



#24

1,1-Dichloroethane

Concen: 10.102 ppbv

RT: 5.00 min Scan# 689

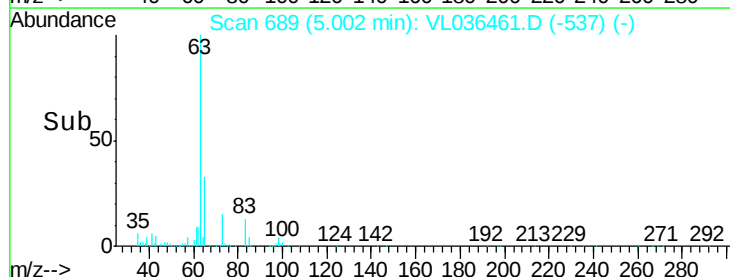
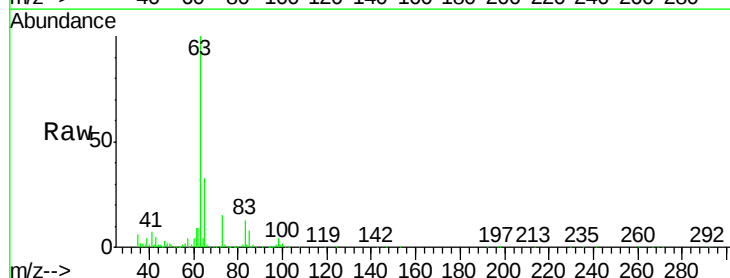
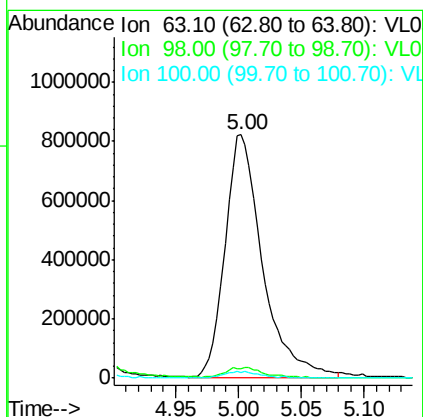
Delta R.T. -0.01 min

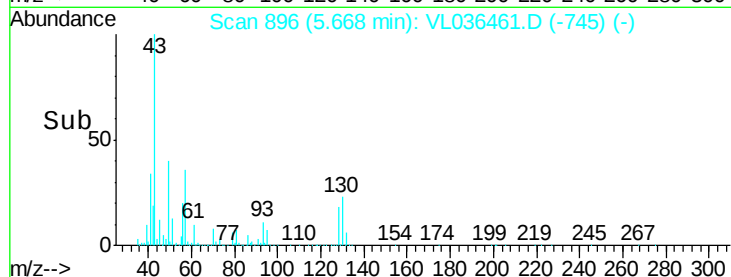
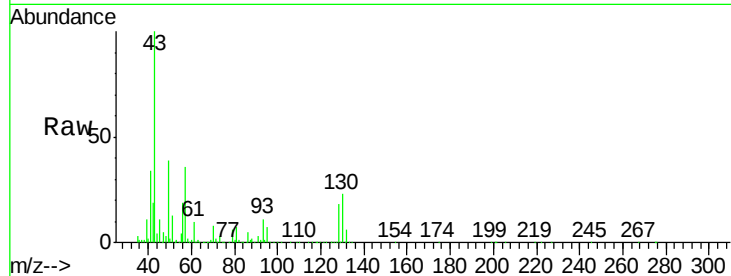
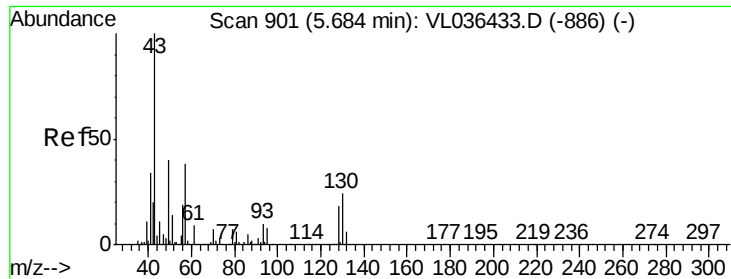
Lab File: VL036461.D

Acq: 24 Mar 2021 9:18

Tgt Ion: 63 Resp: 1709924

Ion	Ratio	Lower	Upper
63	100		
98	3.9	2.0	5.8
100	2.0	1.3	3.8



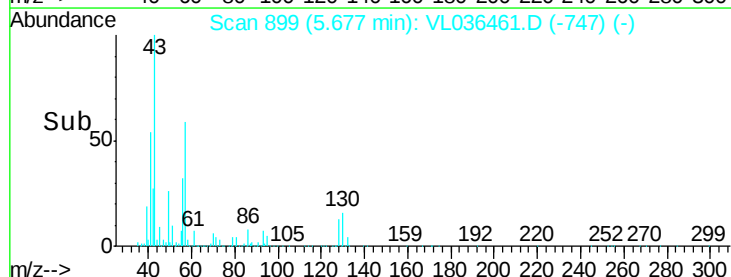
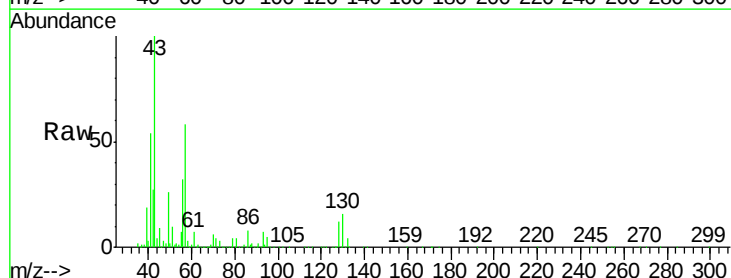
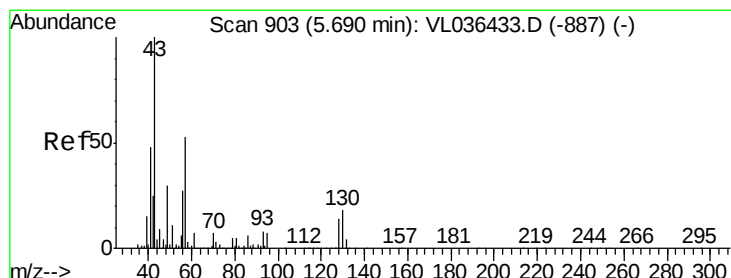
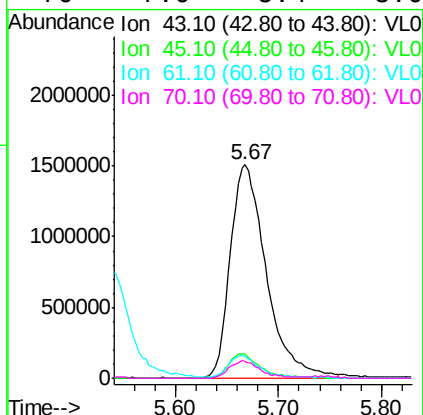


#25
Ethyl Acetate
Concen: 9.926 ppbv
RT: 5.67
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VSTDCCC010
Acq: 24 Mar 2021 9:18

Tot Ion:
Ion Ratio
43 100
45 10.
61 9.
70 7.0 5.4 8.0

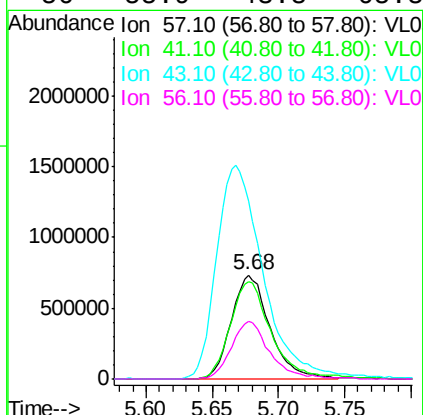
Manual Integrations
APPROVED

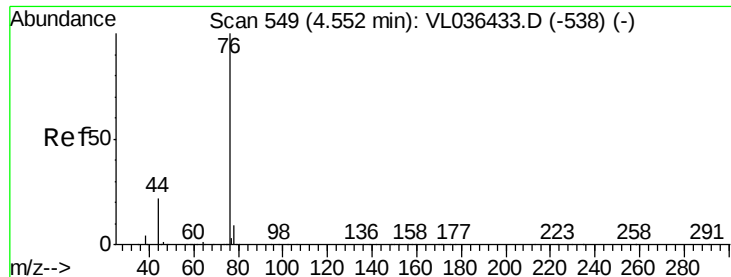
Reviewed By :Semsettin Yesilyurt 03/25/2021
Supervised By :Mahesh Dadoda 03/25/2021



#26
Hexane
Concen: 9.881 ppbv
RT: 5.68 min Scan# 899
Delta R.T. -0.01 min
Lab File: VL036461.D
Acq: 24 Mar 2021 9:18

Tgt Ion: 57 Resp: 1489704
Ion Ratio Lower Upper
57 100
41 100.2 80.4 120.6
43 249.0 199.8 299.6
56 55.9 43.8 65.8





#27

Carbon Disulfide

Concen: 10.913 ppbv

RT: 4.54 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 24 Mar 2021 9:18

Tot Ion:

Ion Ratio

76 100

44 21.

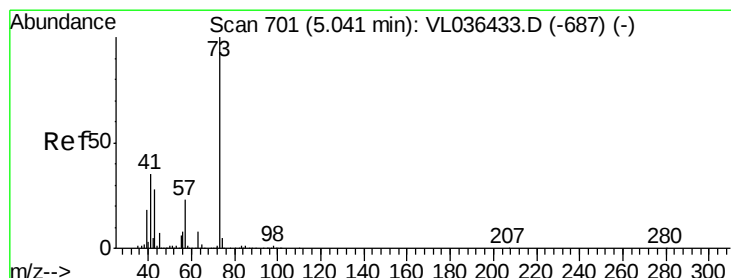
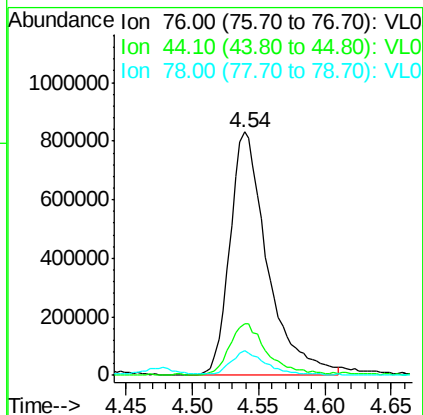
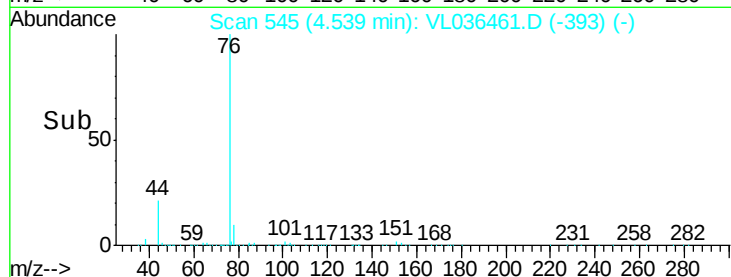
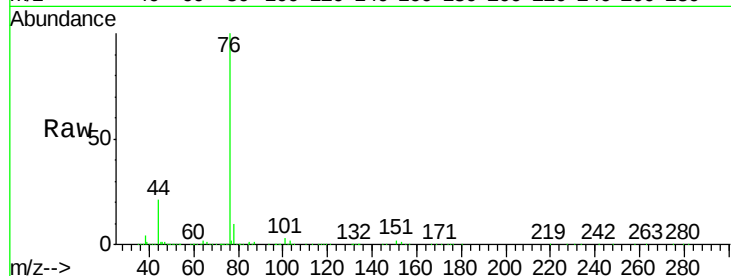
78 9.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/25/2021

Supervised By :Mahesh Dadoda 03/25/2021



#28

Methyl tert-Butyl Ether

Concen: 9.964 ppbv

RT: 5.02 min Scan# 696

Delta R.T. -0.02 min

Lab File: VL036461.D

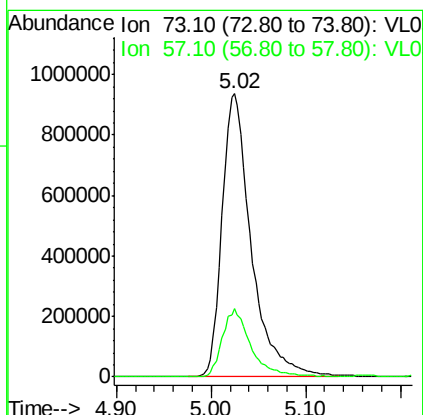
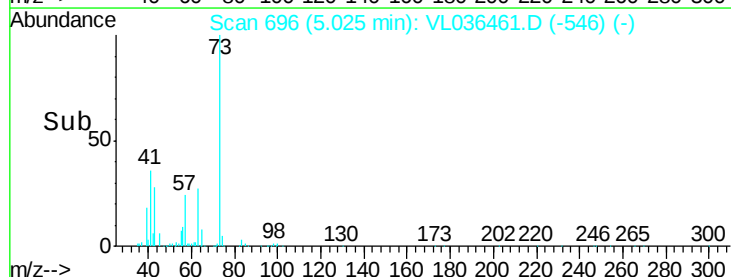
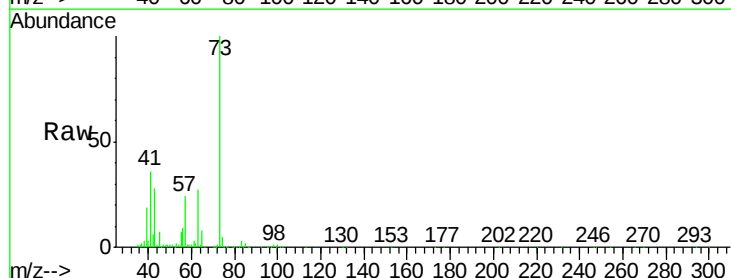
Acq: 24 Mar 2021 9:18

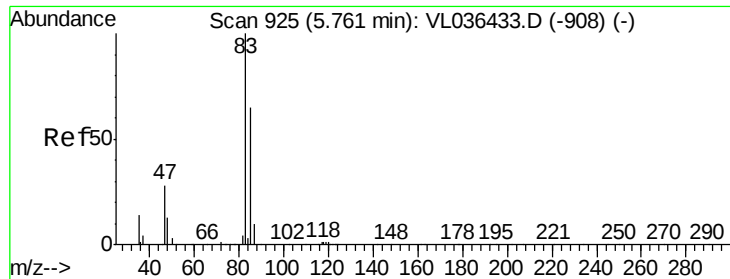
Tgt Ion: 73 Resp: 2012908

Ion Ratio Lower Upper

73 100

57 23.5 19.0 28.6



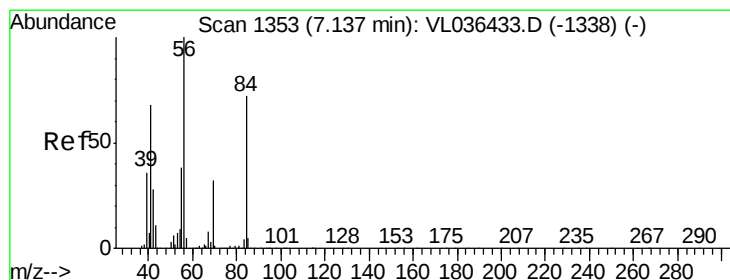
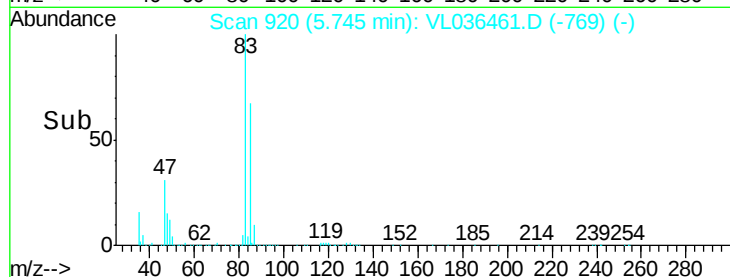
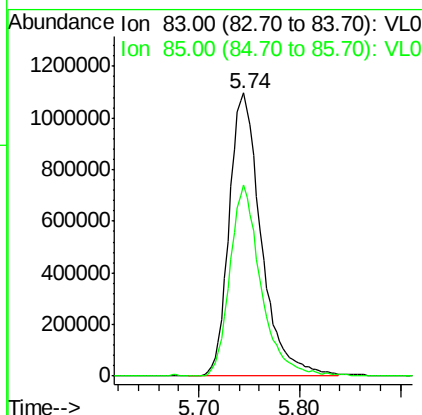
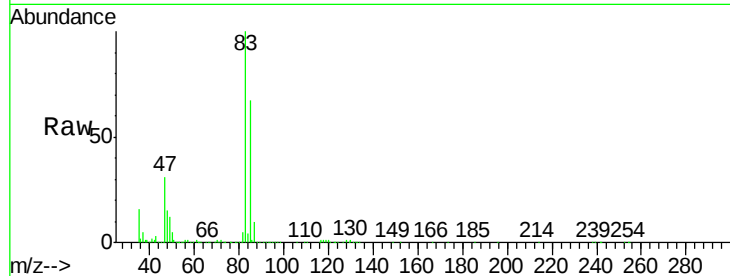


#29
Chloroform
Concen: 9.846 ppbv
RT: 5.74
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 24 Mar 2021 9:18

Tot Ion:
Ion Ratio
83 100
85 67.

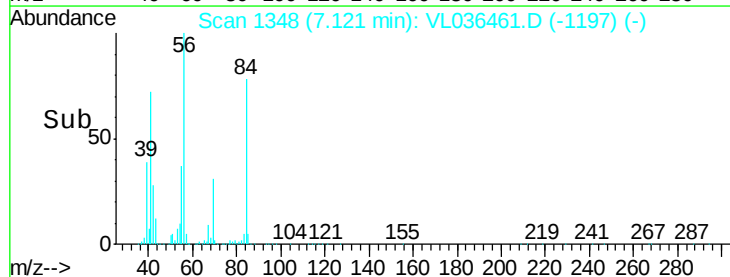
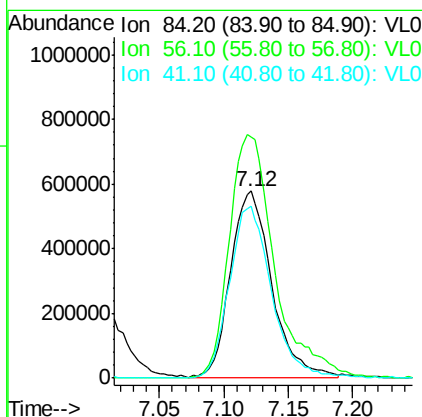
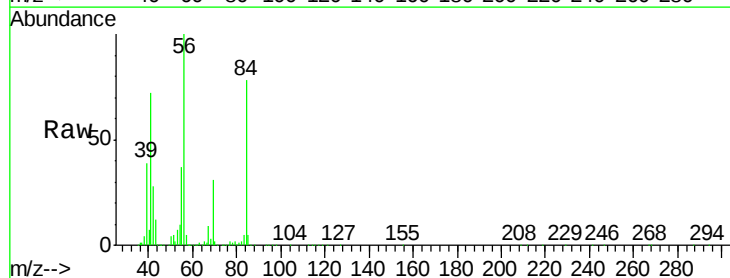
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APPROVED

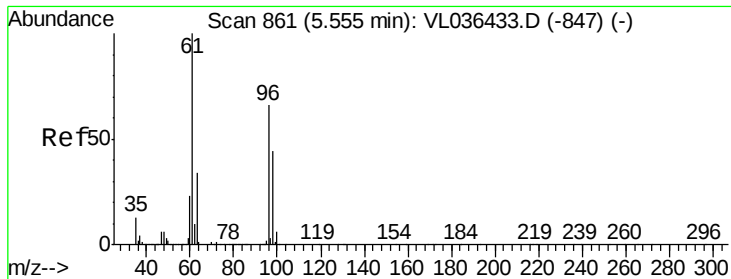
Reviewed By :Semsettin Yesilyurt 03/25/2021
Supervised By :Mahesh Dadoda 03/25/2021



#30
Cyclohexane
Concen: 10.389 ppbv
RT: 7.12 min Scan# 1348
Delta R.T. -0.02 min
Lab File: VL036461.D
Acq: 24 Mar 2021 9:18

Tgt Ion: 84 Resp: 1294182
Ion Ratio Lower Upper
84 100
56 143.5 117.6 176.4
41 93.5 75.9 113.9





#31

cis-1,2-Dichloroethene

Concen: 10.271 ppbv

RT: 5.54 Instrument :

Delta R.T. MSVOA_1

Lab File: ClientSampleId :

Acq: 24 Mar 2021 9:18 VSTDCCC010

Tot Ion:

Ion Ratio

61 100

96 63.

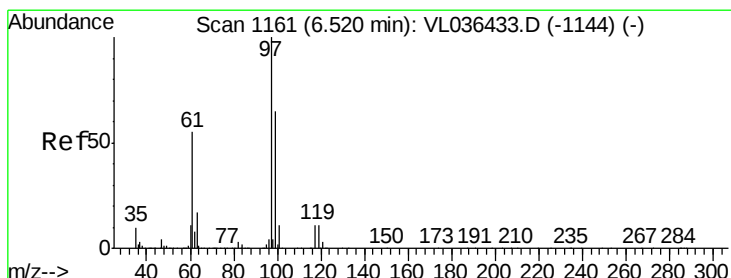
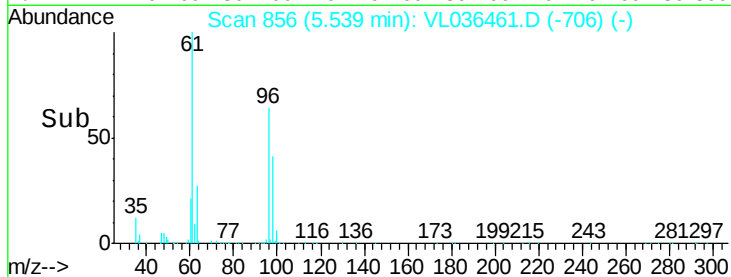
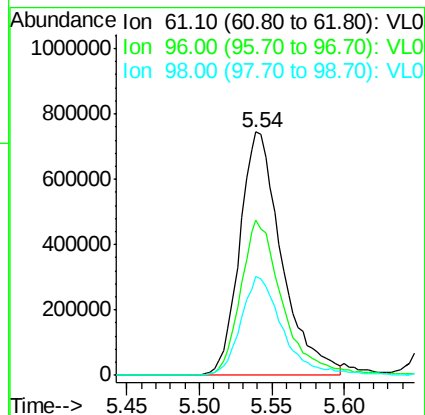
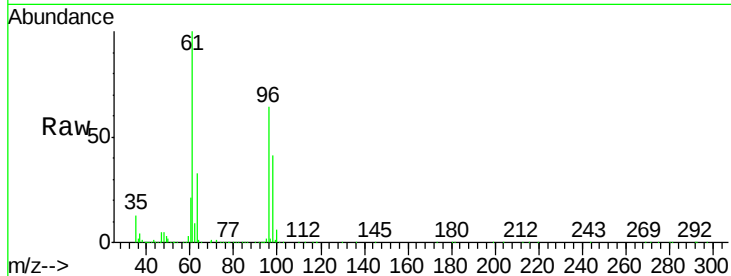
98 40.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/25/2021

Supervised By :Mahesh Dadoda 03/25/2021



#32

1,1,1-Trichloroethane

Concen: 9.529 ppbv

RT: 6.50 min Scan# 1155

Delta R.T. -0.02 min

Lab File: VL036461.D

Acq: 24 Mar 2021 9:18

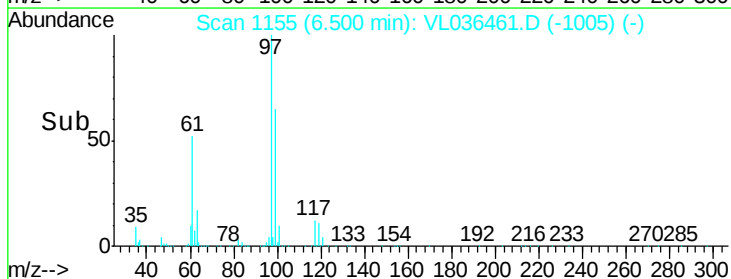
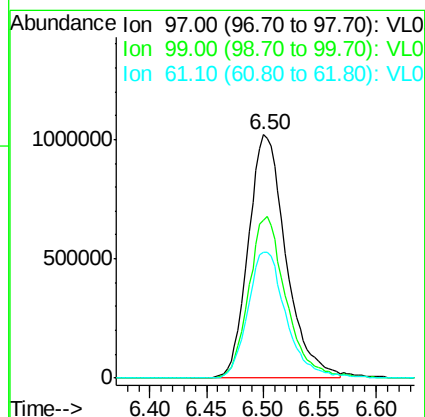
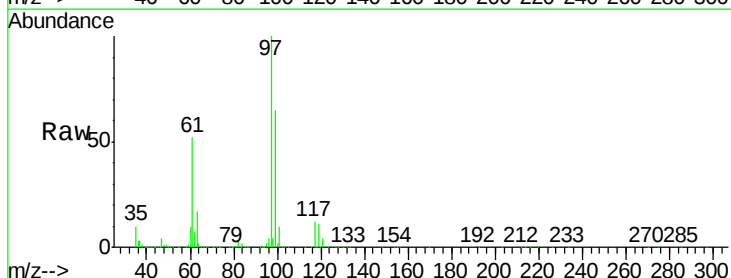
Tgt Ion: 97 Resp: 2361598

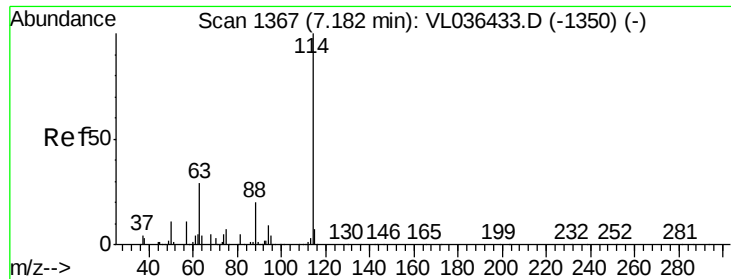
Ion Ratio Lower Upper

97 100

99 65.9 52.1 78.1

61 53.1 42.2 63.4



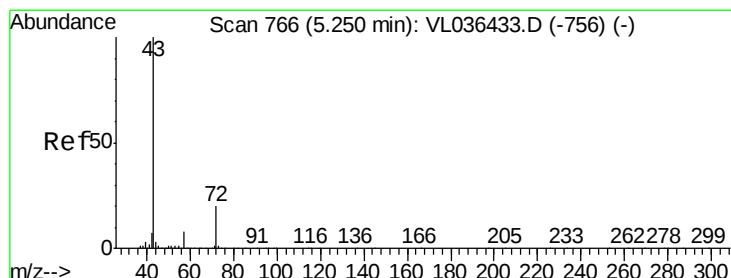
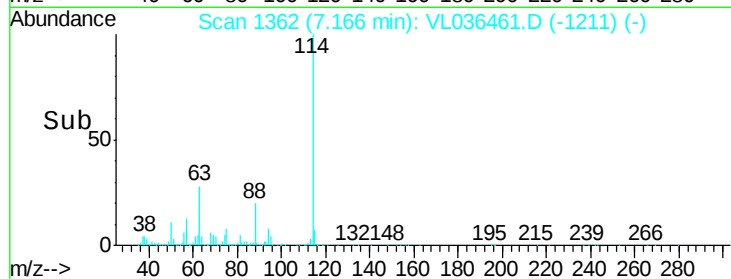
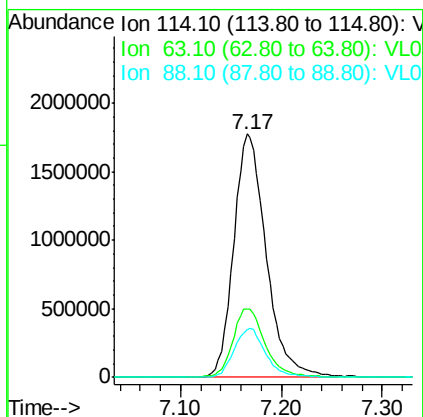
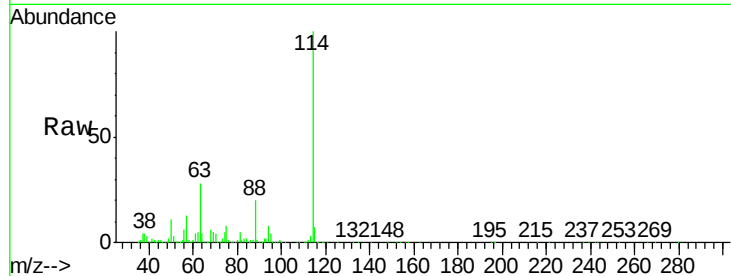


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDCCC010
 Acq: 24 Mar 2021 9:18

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

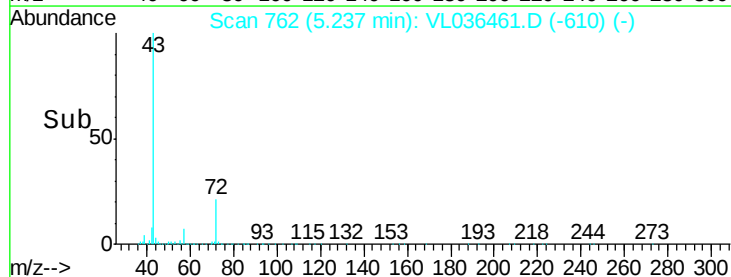
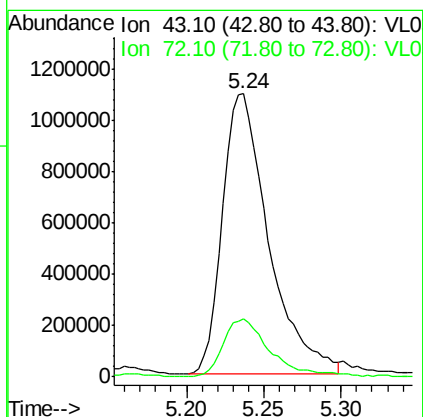
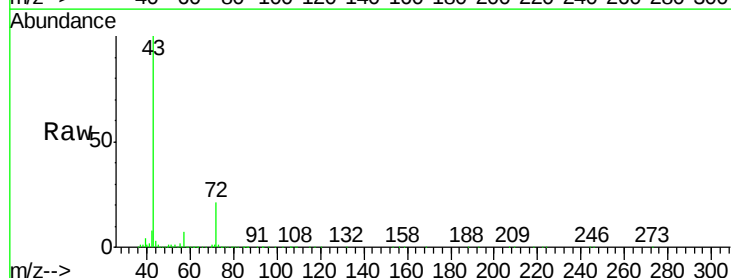
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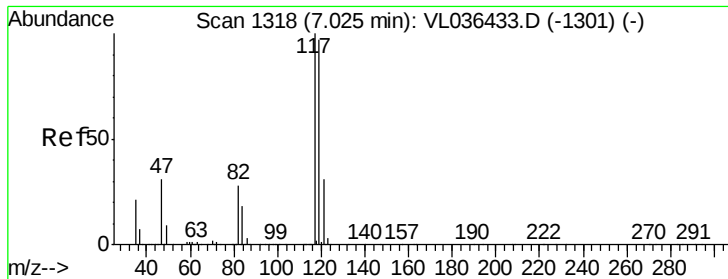
Reviewed By : Semsettin Yesilyurt 03/25/2021
 Supervised By : Mahesh Dadoda 03/25/2021



#34
 2-Butanone
 Concen: 9.495 ppbv
 RT: 5.24 min Scan# 762
 Delta R.T. -0.01 min
 Lab File: VL036461.D
 Acq: 24 Mar 2021 9:18

Tgt Ion: 43 Resp: 2265527
 Ion Ratio Lower Upper
 43 100
 72 21.6 16.7 25.1



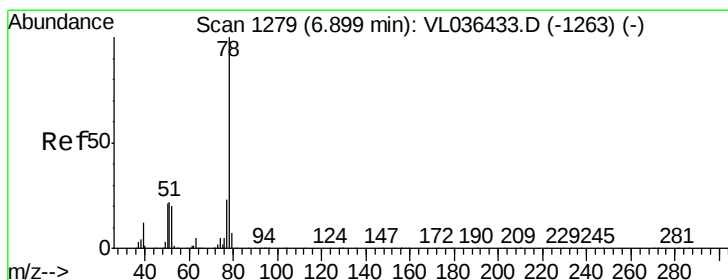
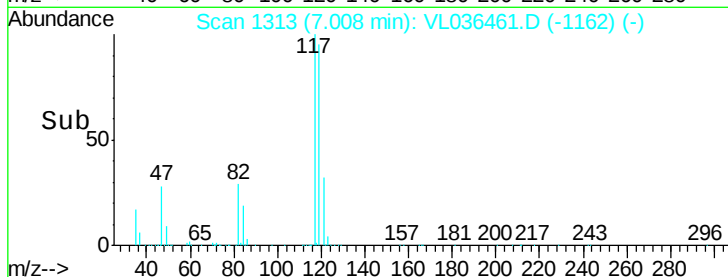
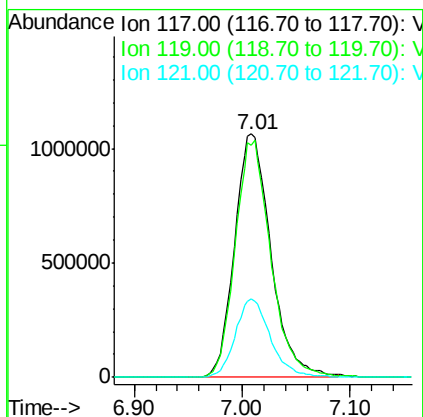
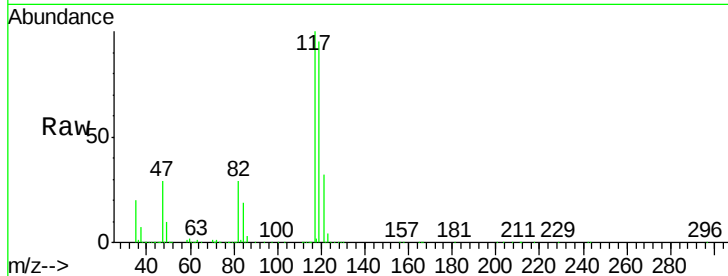


#35
Carbon Tetrachloride
Concen: 9.754 ppbv
RT: 7.01
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
Acq: 24 Mar 2021 9:18

Tot Ion:1
Ion Rati
117 100
119 95.
121 32.

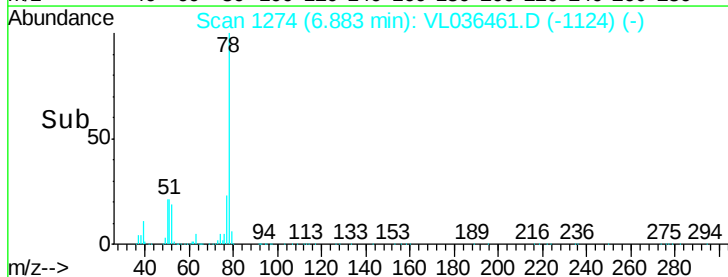
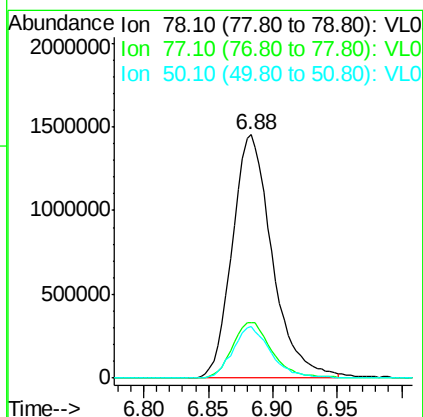
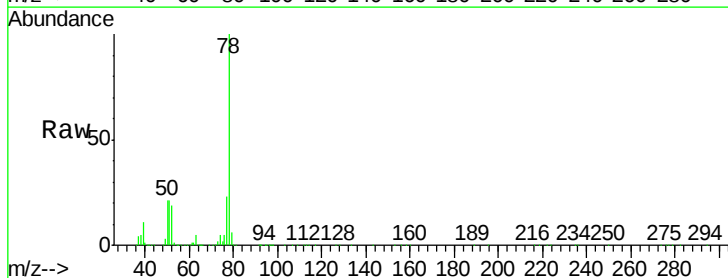
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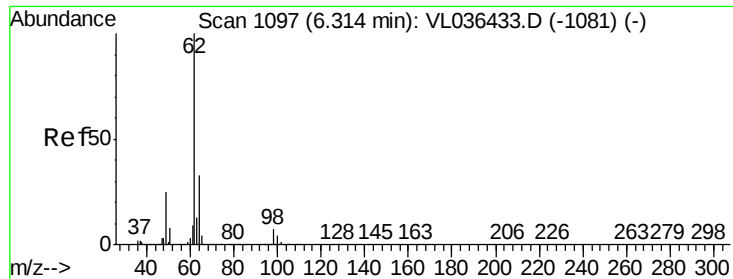
Reviewed By :Semsettin Yesilyurt 03/25/2021
Supervised By :Mahesh Dadoda 03/25/2021



#36
Benzene
Concen: 10.170 ppbv
RT: 6.88 min Scan# 1274
Delta R.T. -0.02 min
Lab File: VL036461.D
Acq: 24 Mar 2021 9:18

Tgt Ion: 78 Resp: 3123831
Ion Ratio Lower Upper
78 100
77 22.7 18.1 27.1
50 21.1 16.8 25.2



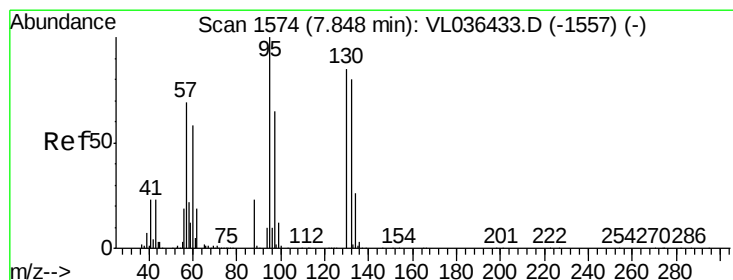
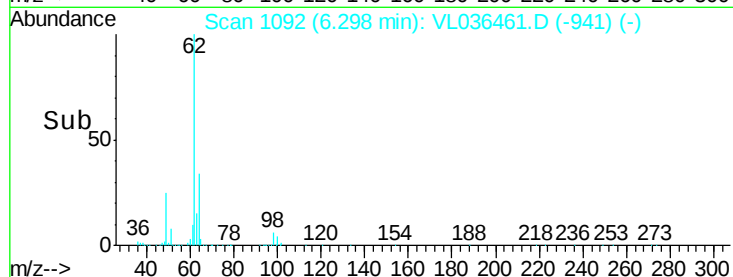
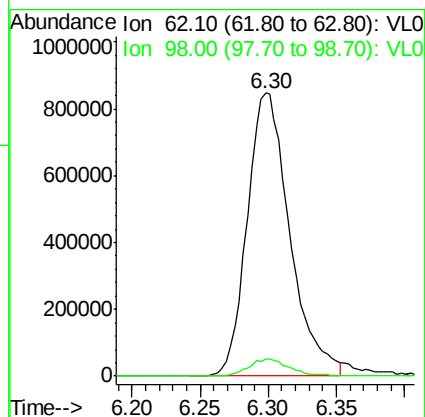
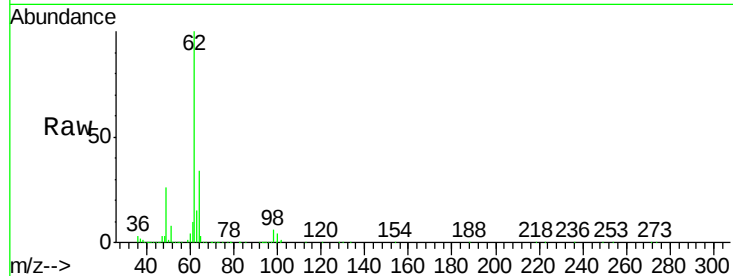


#37
 1,2-Dichloroethane
 Concen: 9.524 ppbv
 RT: 6.30
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDCCC010
 Acq: 24 Mar 2021 9:18

Tot Ion:
 Ion Ratio
 62 100
 98 6.

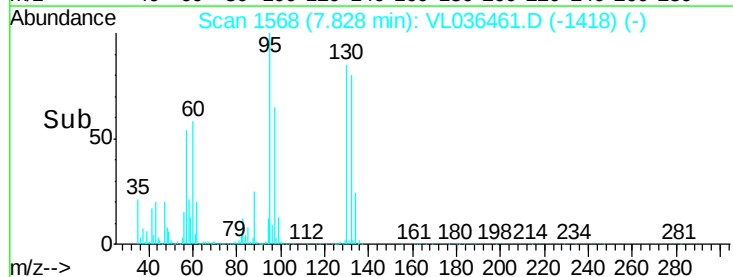
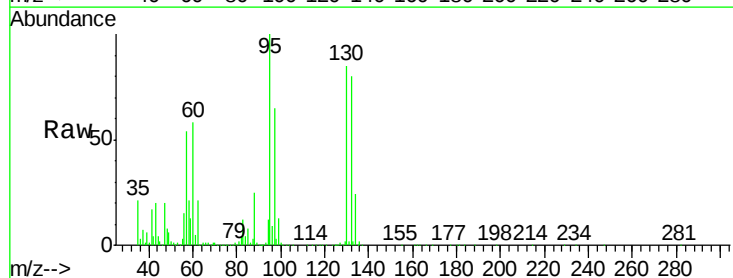
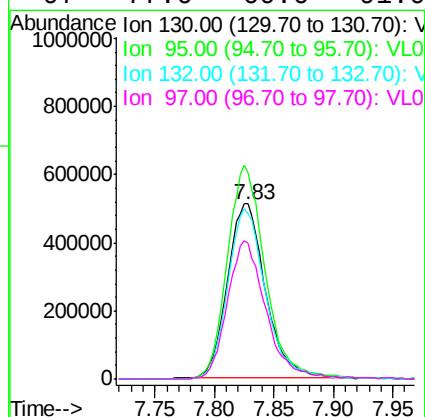
Manual Integrations
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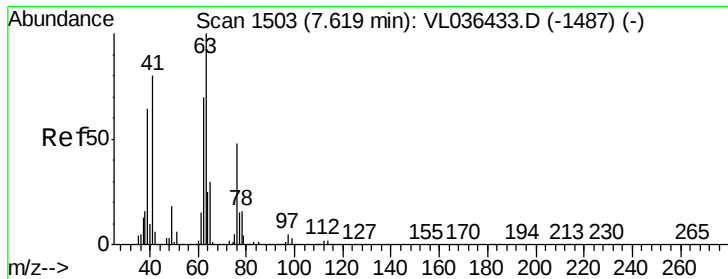
Reviewed By :Semsettin Yesilyurt 03/25/2021
 Supervised By :Mahesh Dadoda 03/25/2021



#38
 Trichloroethene
 Concen: 9.659 ppbv
 RT: 7.83 min Scan# 1568
 Delta R.T. -0.02 min
 Lab File: VL036461.D
 Acq: 24 Mar 2021 9:18

Tgt Ion:130 Resp: 1121226
 Ion Ratio Lower Upper
 130 100
 95 118.5 93.8 140.8
 132 94.6 74.6 112.0
 97 77.6 60.6 91.0



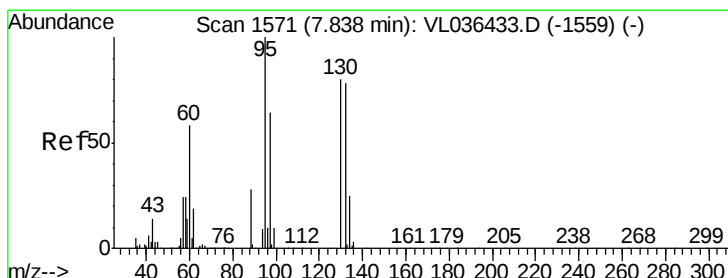
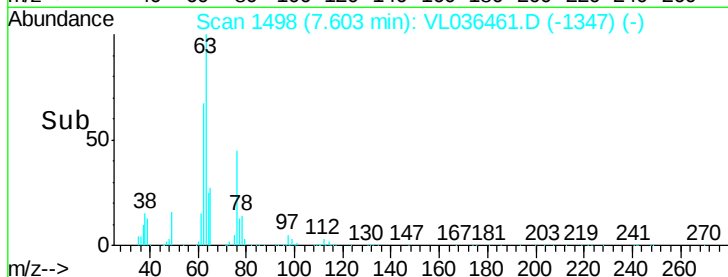
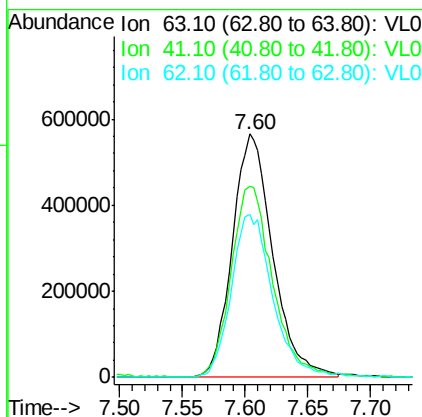
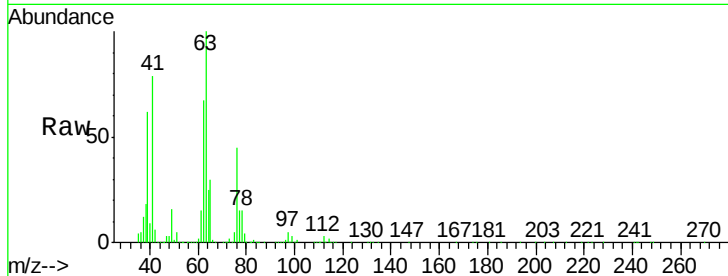


#39
 1,2-Dichloropropane
 Concen: 9.650 ppbv
 RT: 7.60
 Delta R.T.: MSVOA_L
 Lab File: ClientSampleId :
 Acq: 24 Mar 2021 9:18

Tot Ion:
 Ion Ratio
 63 100
 41 78.
 62 66.

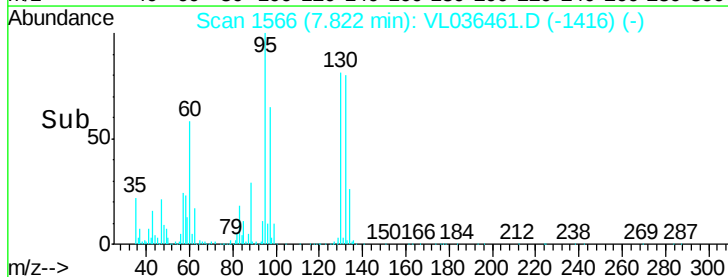
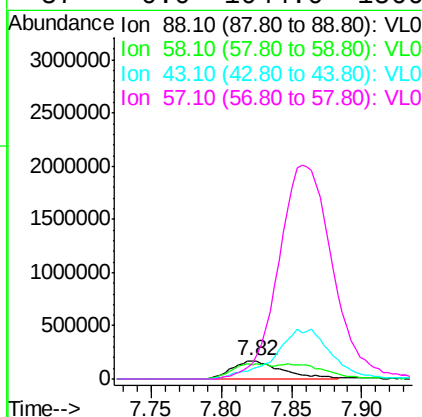
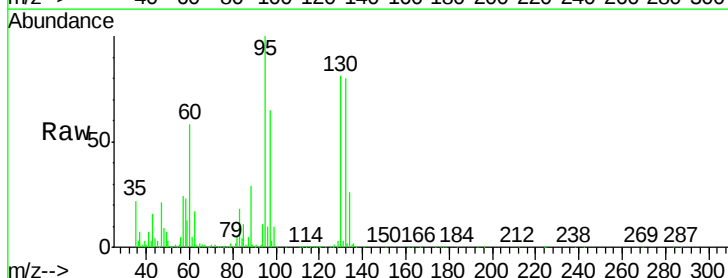
Manual Integrations
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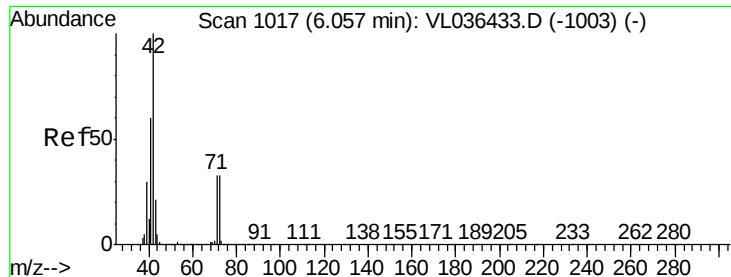
Reviewed By :Semsettin Yesilyurt 03/25/2021
 Supervised By :Mahesh Dadoda 03/25/2021



#40
 1,4-Dioxane
 Concen: 9.870 ppbv
 RT: 7.82 min Scan# 1566
 Delta R.T. -0.02 min
 Lab File: VL036461.D
 Acq: 24 Mar 2021 9:18

Tgt Ion: 88 Resp: 423178
 Ion Ratio Lower Upper
 88 100
 58 0.0 119.6 179.4#
 43 0.0 254.2 381.4#
 57 0.0 1044.0 1566.0#



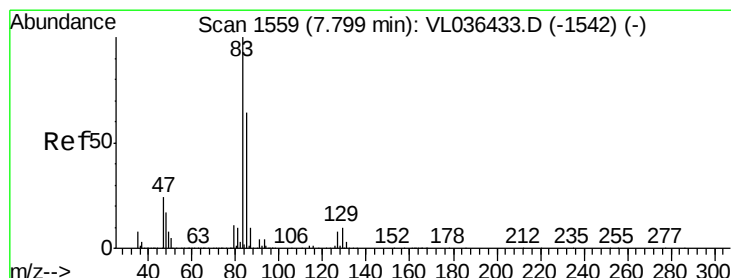
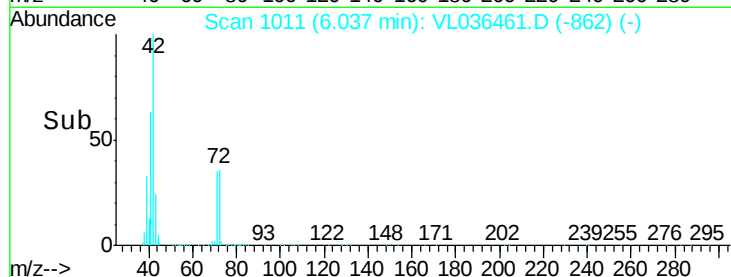
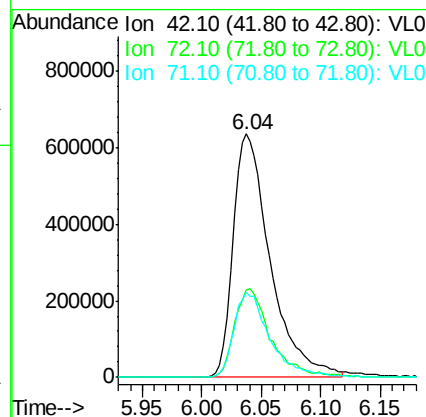
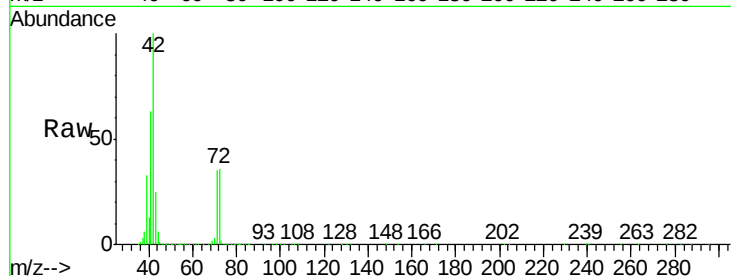


#41
Tetrahydrofuran
Concen: 10.319 ppbv
RT: 6.04
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 24 Mar 2021 9:18

Tot Ion:
Ion Ratio
42 100
72 35.
71 34.

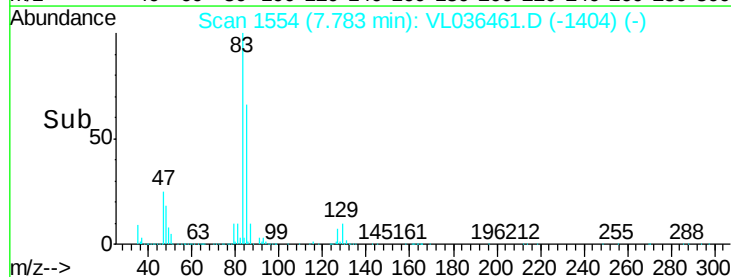
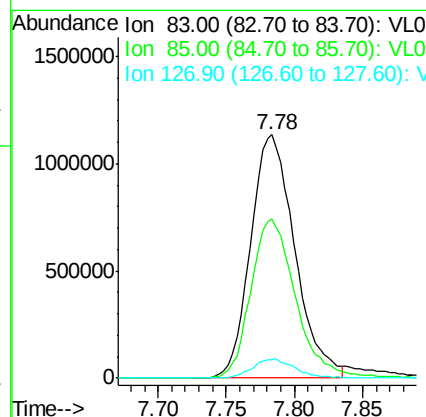
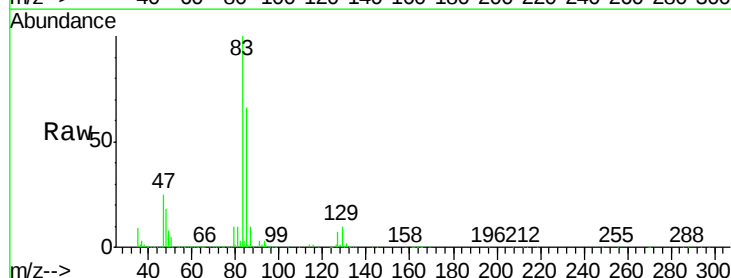
Manual Integrations
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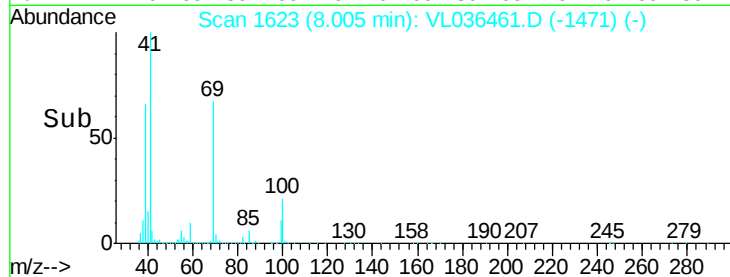
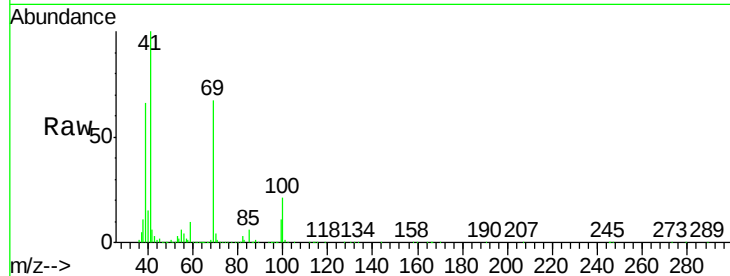
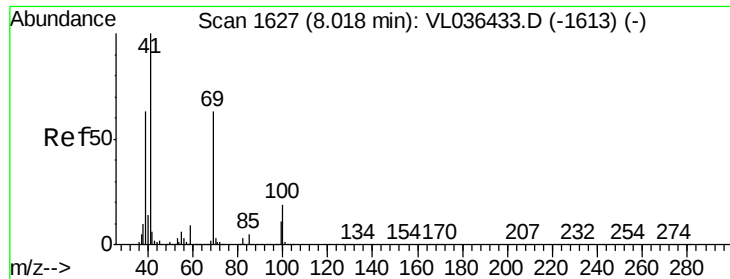
Reviewed By :Semsettin Yesilyurt 03/25/2021
Supervised By :Mahesh Dadoda 03/25/2021



#42
Bromodichloromethane
Concen: 9.792 ppbv
RT: 7.78 min Scan# 1554
Delta R.T. -0.02 min
Lab File: VL036461.D
Acq: 24 Mar 2021 9:18

Tgt Ion: 83 Resp: 2553990
Ion Ratio Lower Upper
83 100
85 65.6 51.2 76.8
127 7.4 6.0 9.0





#43

Methyl Methacrylate

Concen: 11.144 ppbv

RT: 8.01

Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 24 Mar 2021 9:18

Tot Ion:

Ion Ratio

69 100

41 156.

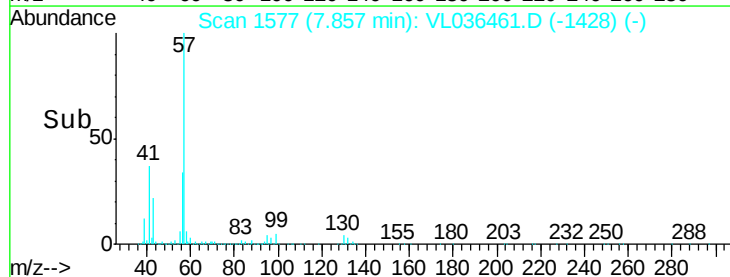
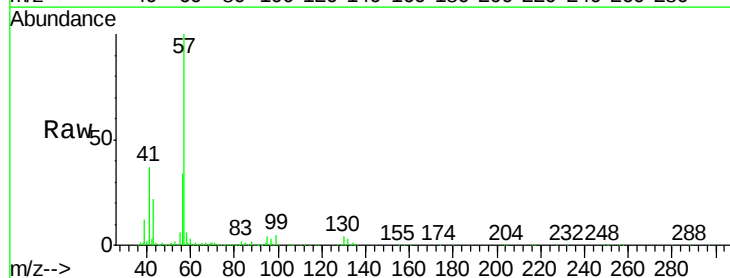
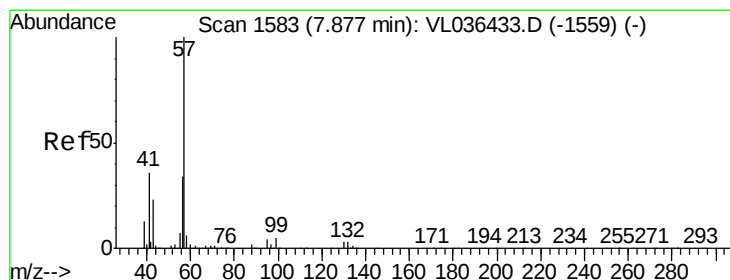
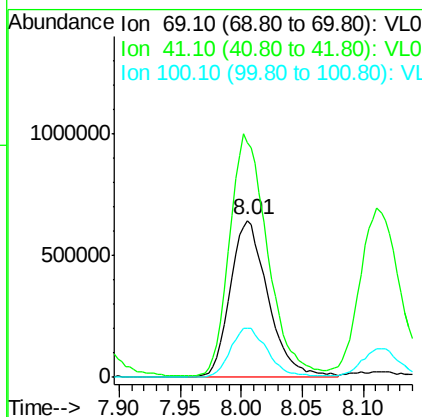
100 31.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/25/2021

Supervised By :Mahesh Dadoda 03/25/2021



#44

2,2,4-Trimethylpentane

Concen: 9.627 ppbv

RT: 7.86 min Scan# 1577

Delta R.T. -0.02 min

Lab File: VL036461.D

Acq: 24 Mar 2021 9:18

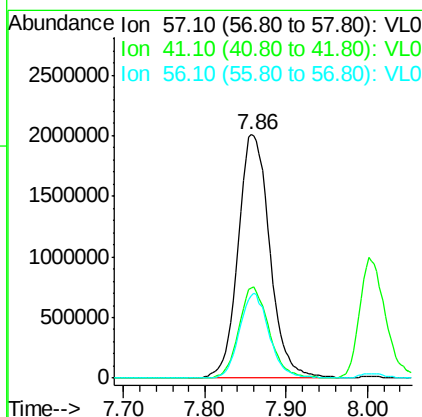
Tgt Ion: 57 Resp: 5391889

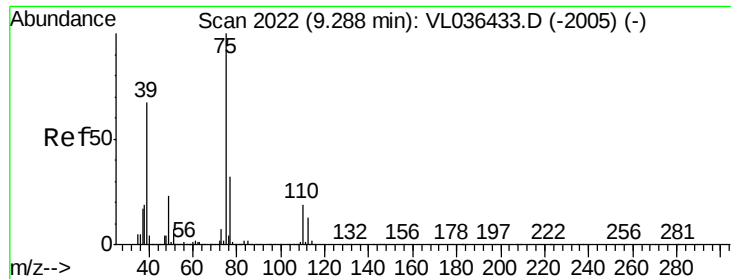
Ion Ratio Lower Upper

57 100

41 35.4 28.2 42.2

56 32.6 25.9 38.9



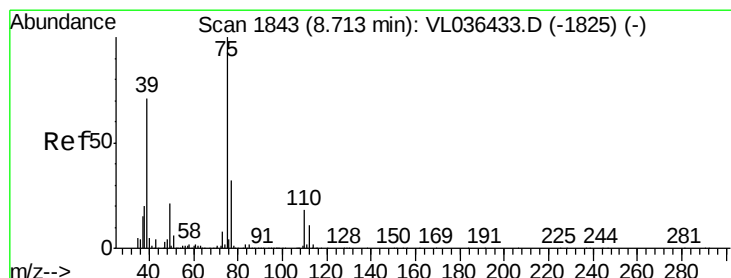
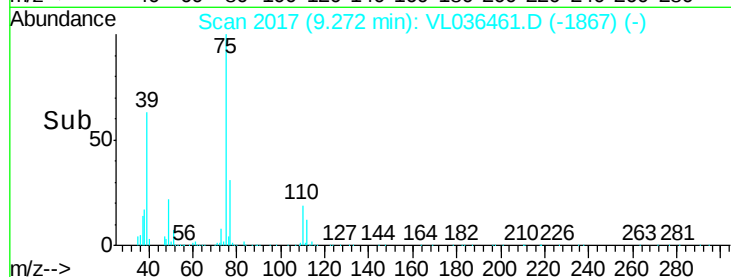
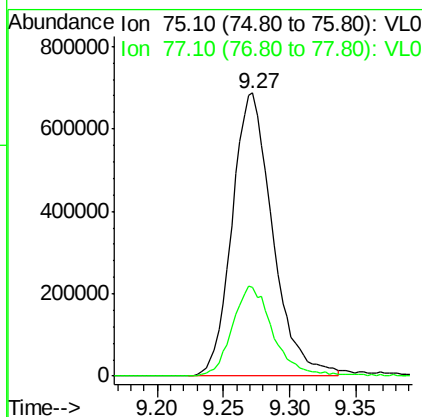
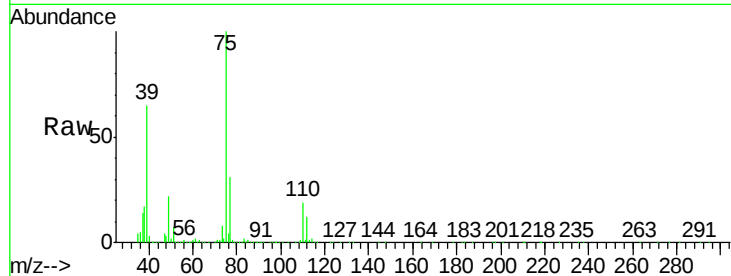


#45
 t-1,3-Dichloropropene
 Concen: 12.054 ppbv
 RT: 9.27
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 24 Mar 2021 9:18

Tot Ion:
 Ion Ratio
 75 100
 77 31.

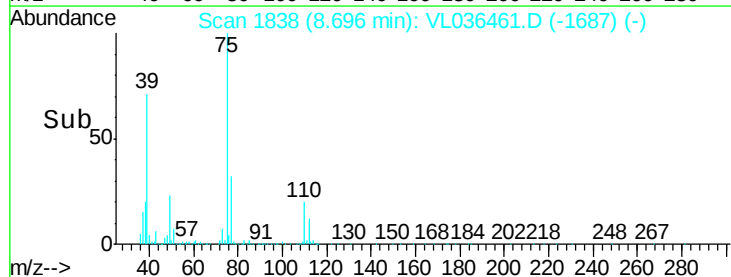
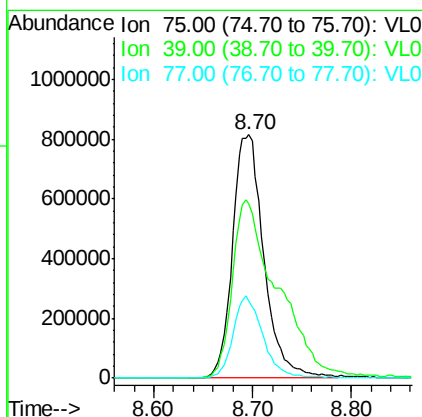
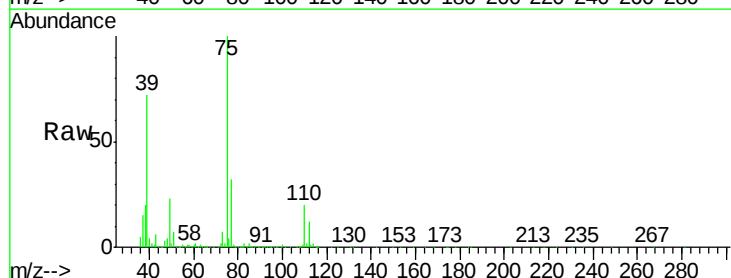
Manual Integrations
 APPROVED

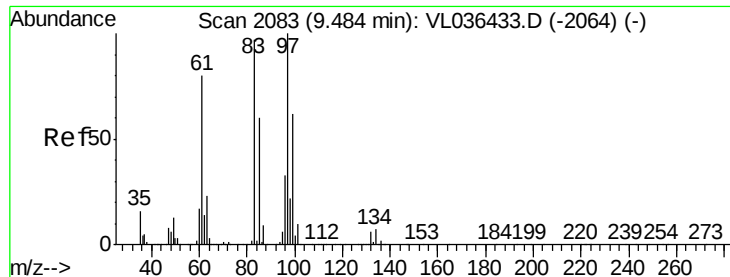
Reviewed By :Semsettin Yesilyurt 03/25/2021
 Supervised By :Mahesh Dadoda 03/25/2021



#46
 cis-1,3-Dichloropropene
 Concen: 11.401 ppbv
 RT: 8.70 min Scan# 1838
 Delta R.T. -0.02 min
 Lab File: VL036461.D
 Acq: 24 Mar 2021 9:18

Tgt Ion: 75 Resp: 1802026
 Ion Ratio Lower Upper
 75 100
 39 71.7 57.1 85.7
 77 31.7 25.3 37.9





#47

1,1,2-Trichloroethane

Concen: 9.794 ppbv

RT: 9.46 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 24 Mar 2021 9:18 VSTDCCC010

Tot Ion:

Ion Ratio

97 100

83 95.

85 59.

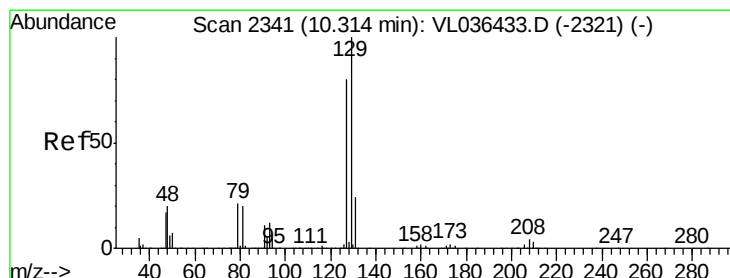
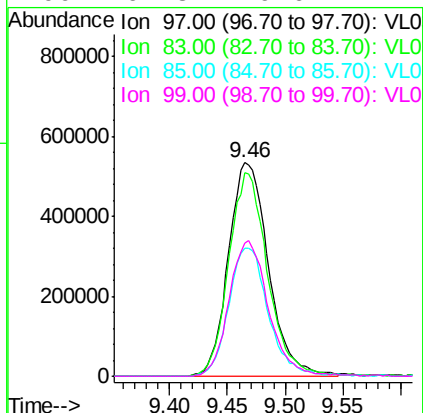
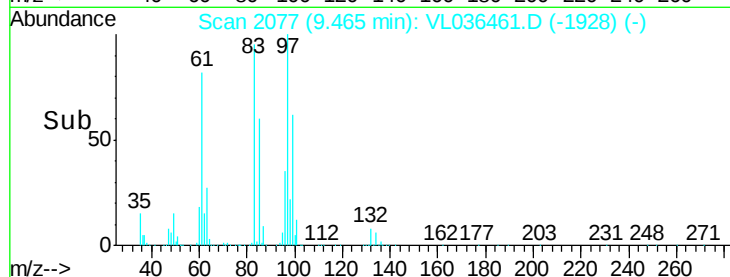
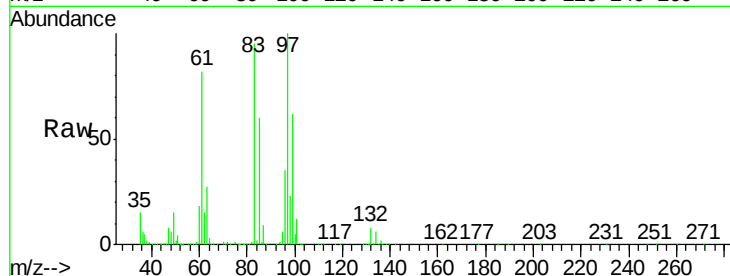
99 62.3 49.6 74.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/25/2021

Supervised By :Mahesh Dadoda 03/25/2021



#48

Dibromochloromethane

Concen: 10.866 ppbv

RT: 10.29 min Scan# 2335

Delta R.T. -0.02 min

Lab File: VL036461.D

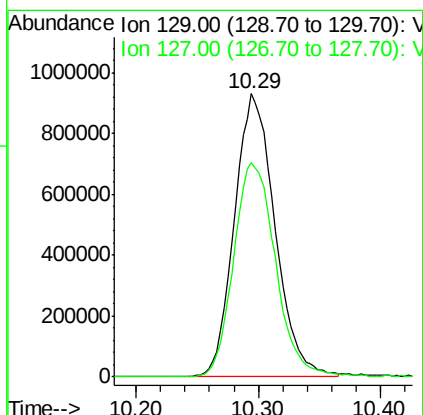
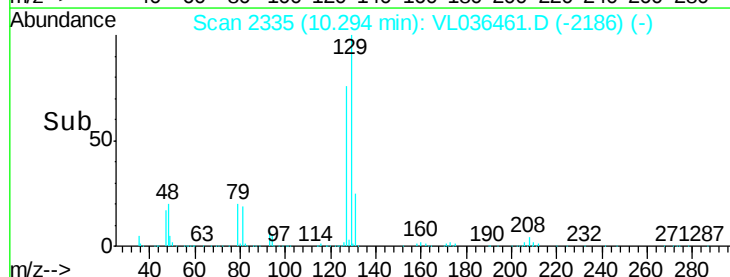
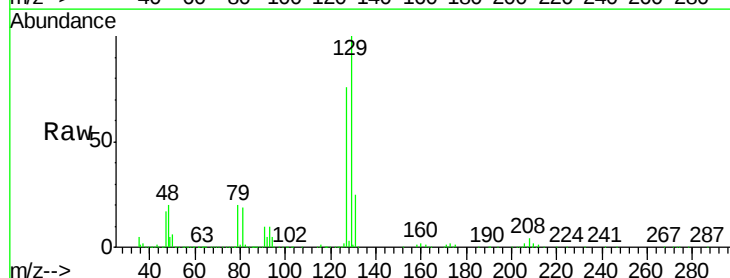
Acq: 24 Mar 2021 9:18

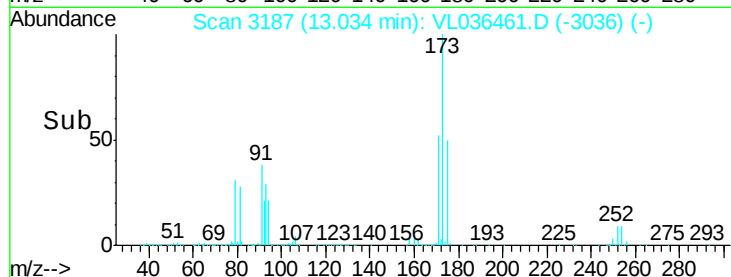
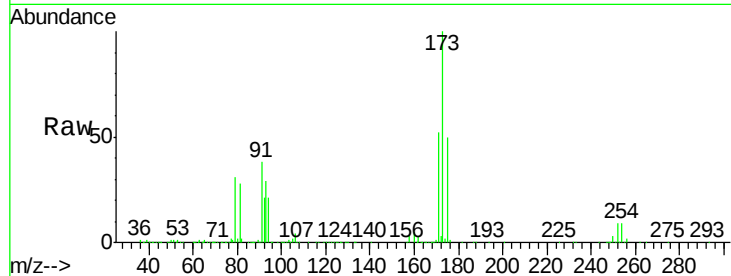
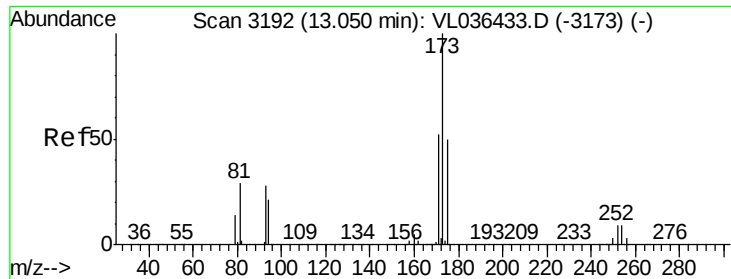
Tgt Ion:129 Resp: 2142461

Ion Ratio Lower Upper

129 100

127 78.5 39.4 118.1



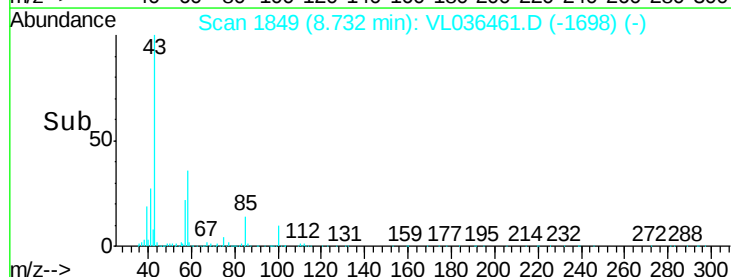
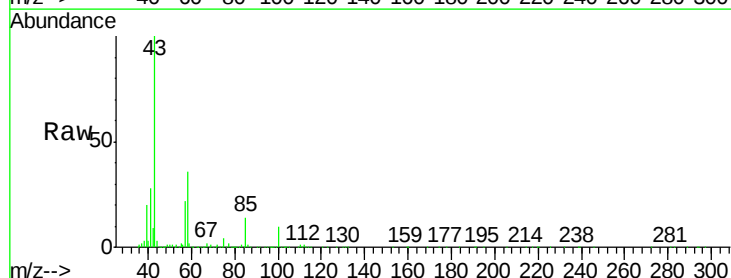
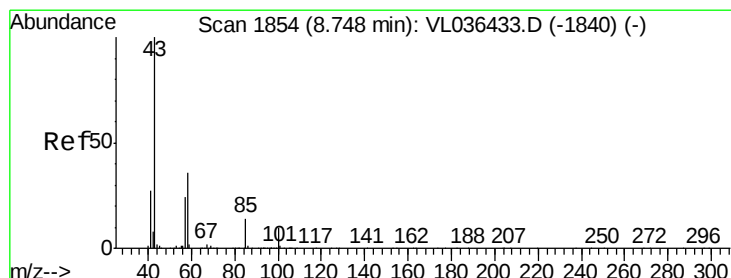
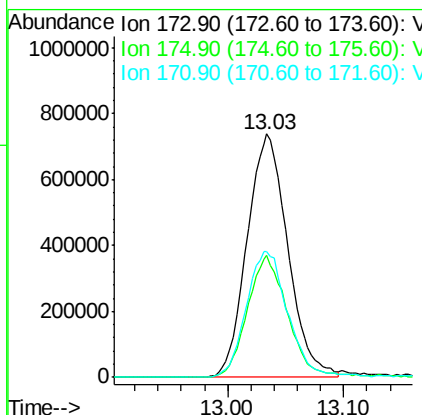


#49
Bromoform
Concen: 11.183 ppbv
RT: 13.03
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 24 Mar 2021 9:18

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

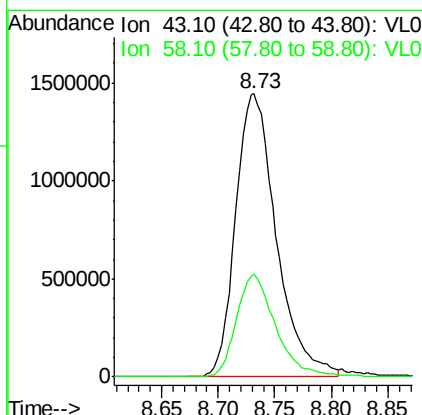
Manual Integrations
APPROVED

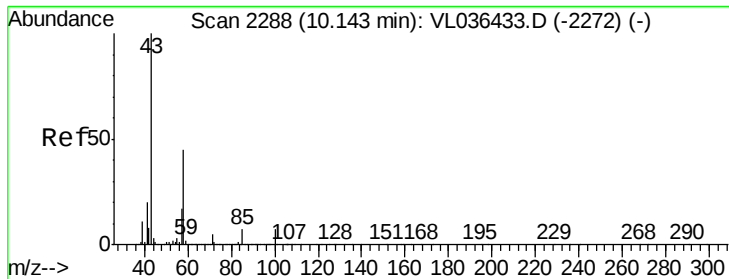
Reviewed By :Semsettin Yesilyurt 03/25/2021
Supervised By :Mahesh Dadoda 03/25/2021



#50
4-Methyl-2-Pentanone
Concen: 10.421 ppbv
RT: 8.73 min Scan# 1849
Delta R.T. -0.02 min
Lab File: VL036461.D
Acq: 24 Mar 2021 9:18

Tgt Ion: 43 Resp: 3619957
Ion Ratio Lower Upper
43 100
58 35.3 27.8 41.8



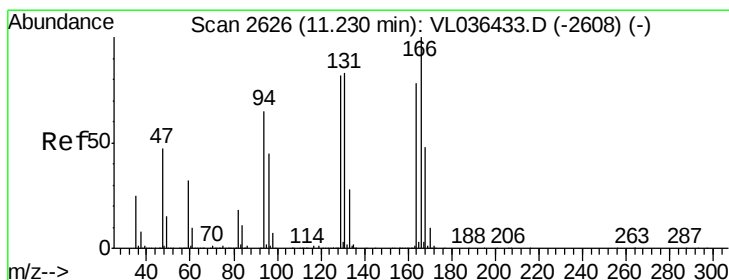
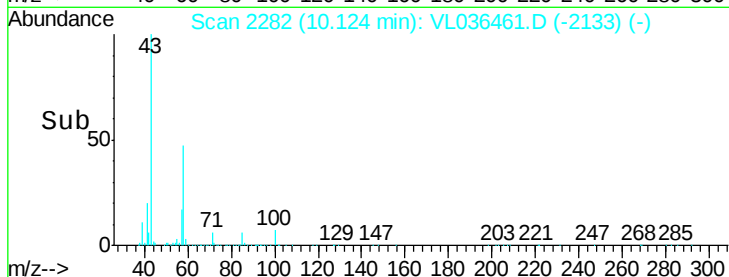
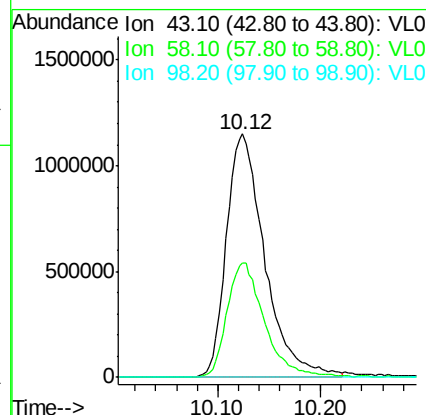
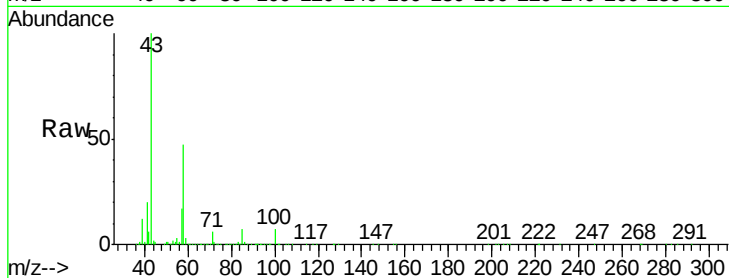


#51
2-Hexanone
Concen: 11.310 ppbv
RT: 10.12
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 24 Mar 2021 9:18

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

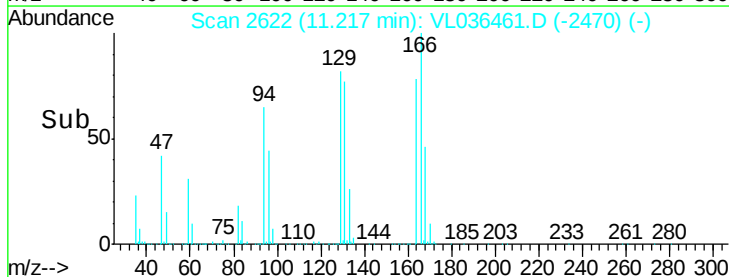
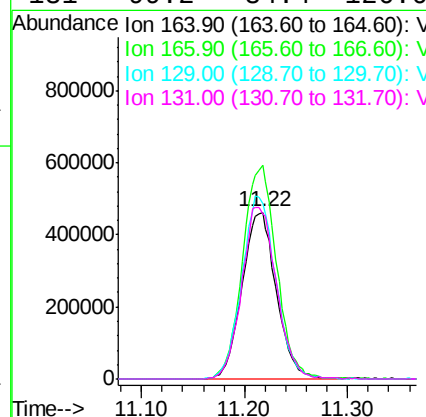
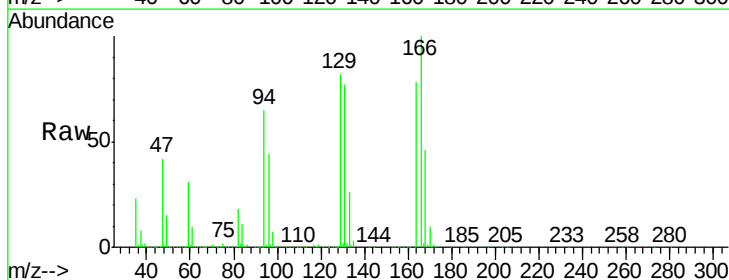
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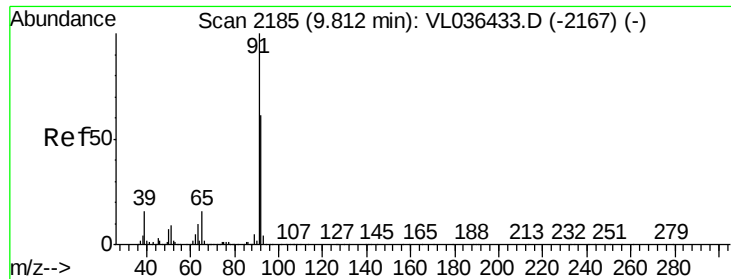
Reviewed By :Semsettin Yesilyurt 03/25/2021
Supervised By :Mahesh Dadoda 03/25/2021



#52
Tetrachloroethene
Concen: 9.253 ppbv
RT: 11.22 min Scan# 2622
Delta R.T. -0.01 min
Lab File: VL036461.D
Acq: 24 Mar 2021 9:18

Tgt Ion:164 Resp: 1065874
Ion Ratio Lower Upper
164 100
166 128.2 102.0 153.0
129 105.1 83.3 124.9
131 99.2 84.4 126.6





#53

Toluene

Concen: 10.685 ppbv

RT: 9.80

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 24 Mar 2021 9:18

Tot Ion:

Ion Ratio

91 100

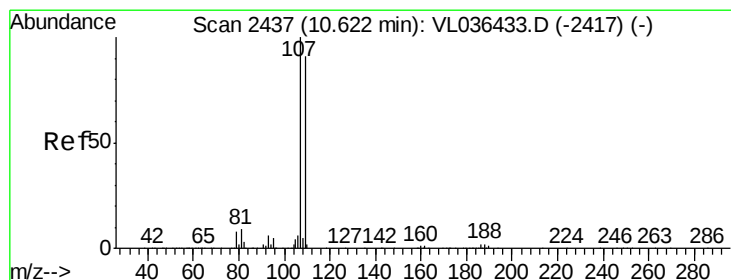
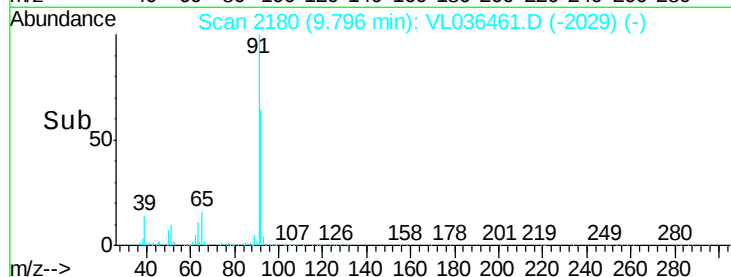
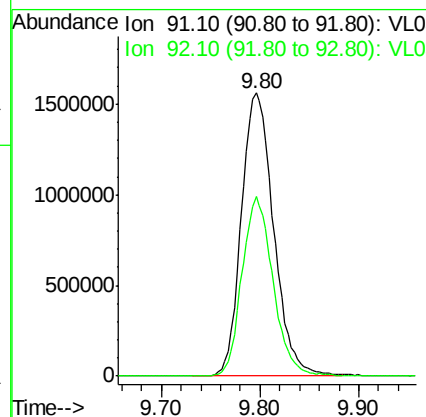
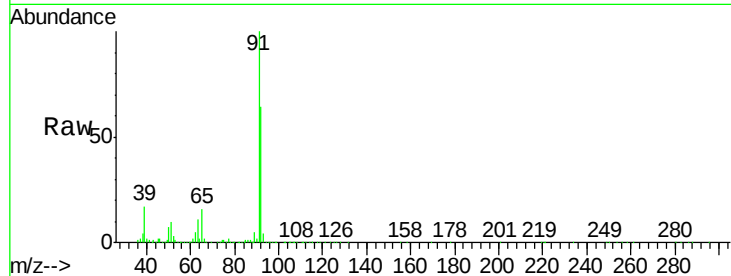
92 61.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/25/2021

Supervised By :Mahesh Dadoda 03/25/2021



#54

1,2-Dibromoethane

Concen: 10.156 ppbv

RT: 10.60 min Scan# 2431

Delta R.T. -0.02 min

Lab File: VL036461.D

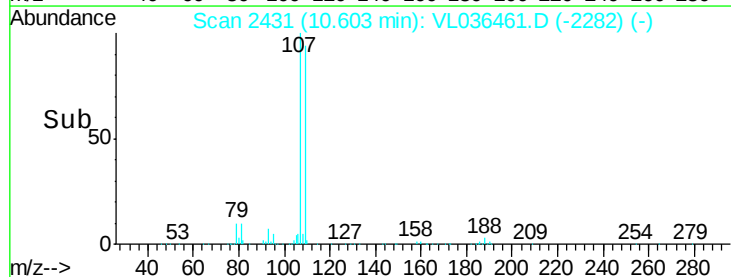
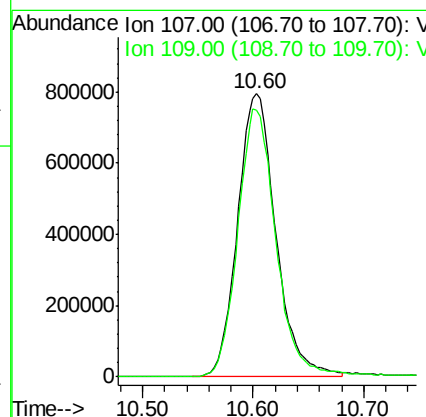
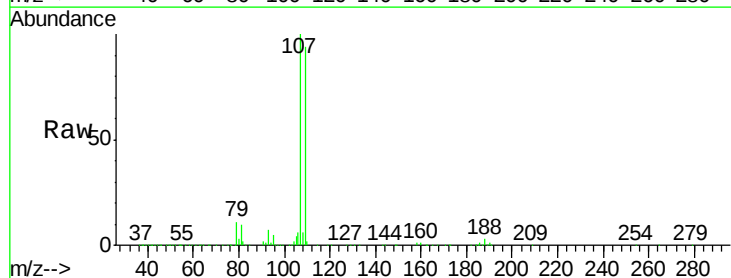
Acq: 24 Mar 2021 9:18

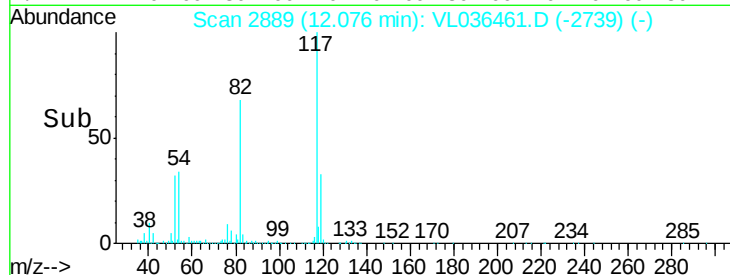
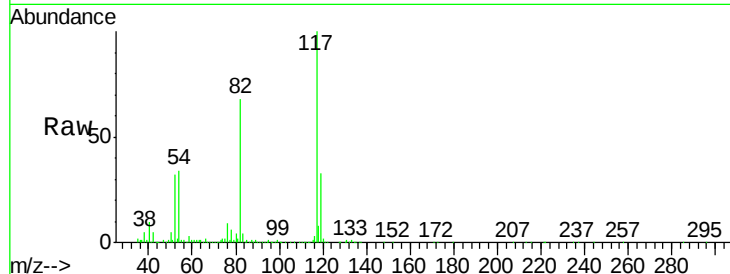
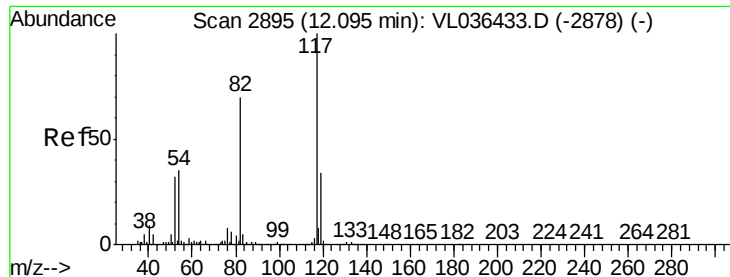
Tgt Ion:107 Resp: 1909065

Ion Ratio Lower Upper

107 100

109 94.2 73.0 109.6



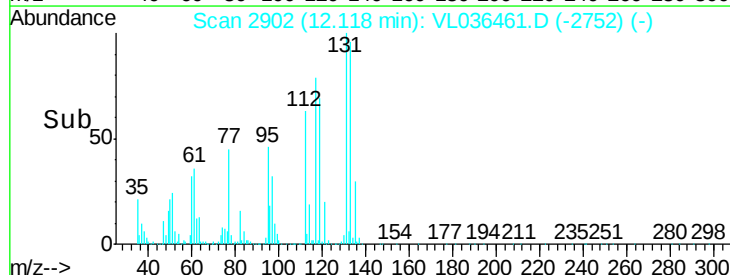
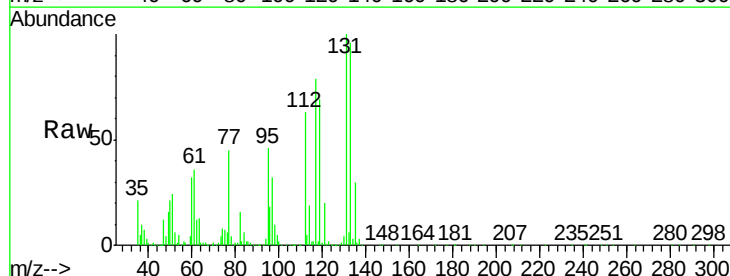
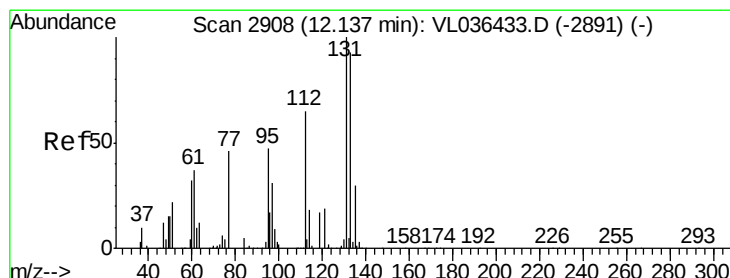
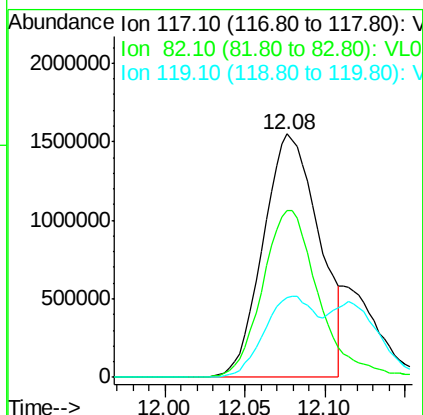


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08
Instrument: MSVOA_L
Delta R.T.:
Client Sample Id:
Lab File: VSTDCCC010
Acq: 24 Mar 2021 9:18

Tot Ion: 1
Ion Ratio
117 100
82 70.
119 31.

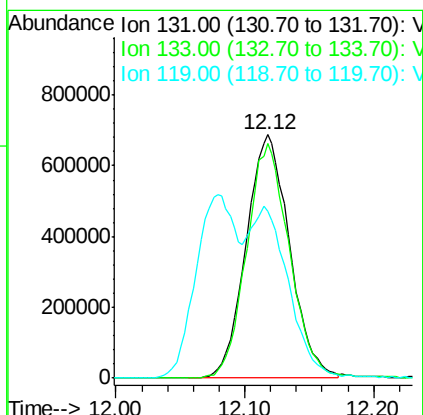
Manual Integrations
APPROVED

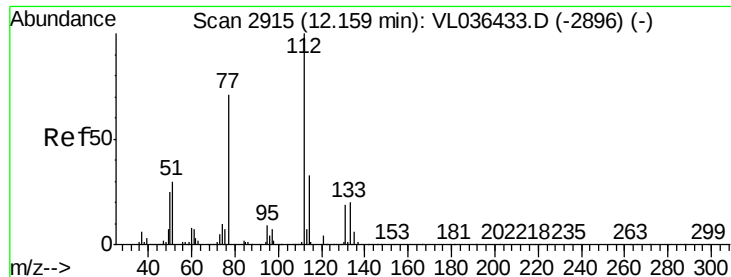
Reviewed By : Semsettin Yesilyurt 03/25/2021
Supervised By : Mahesh Dadoda 03/25/2021



#56
1,1,1,2-Tetrachloroethane
Concen: 9.727 ppbv
RT: 12.12 min Scan# 2902
Delta R.T. -0.02 min
Lab File: VL036461.D
Acq: 24 Mar 2021 9:18

Tgt Ion: 131 Resp: 1611931
Ion Ratio Lower Upper
131 100
133 95.8 76.4 114.6
119 59.9 112.8 169.2#





#57

Chlorobenzene

Concen: 9.722 ppbv

RT: 12.14

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 24 Mar 2021 9:18

Tot Ion:1

Ion Rati

112 100

77 67.

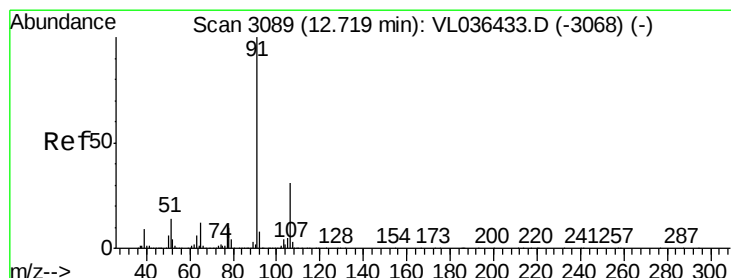
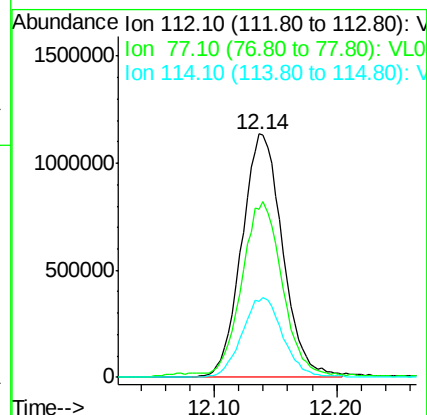
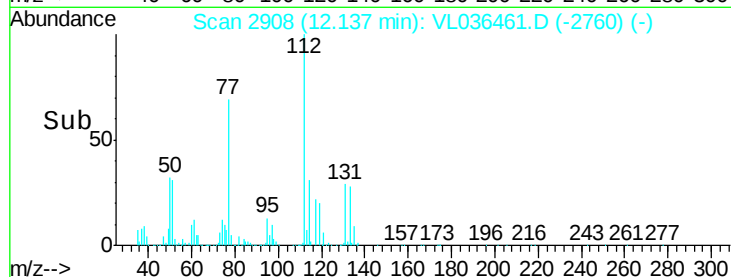
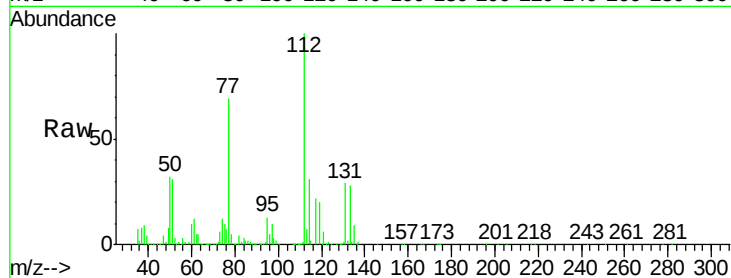
114 31.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/25/2021

Supervised By :Mahesh Dadoda 03/25/2021



#58

Ethyl Benzene

Concen: 10.415 ppbv

RT: 12.70 min Scan# 3083

Delta R.T. -0.02 min

Lab File: VL036461.D

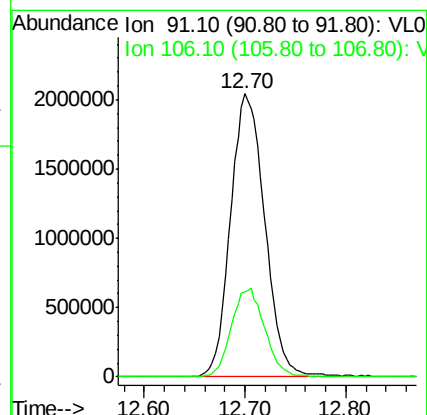
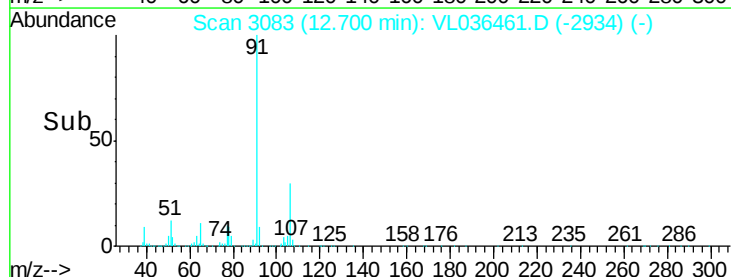
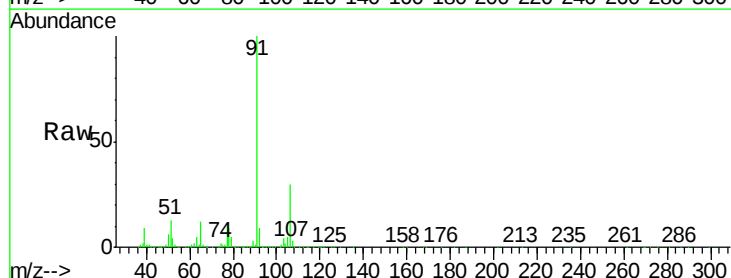
Acq: 24 Mar 2021 9:18

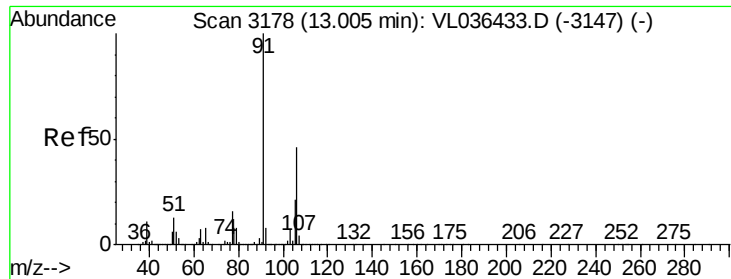
Tgt Ion: 91 Resp: 4839072

Ion Ratio Lower Upper

91 100

106 29.8 24.8 37.2



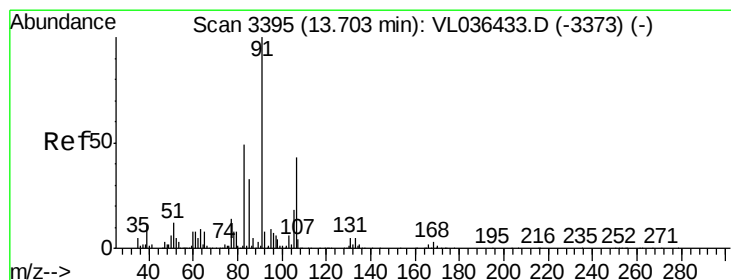
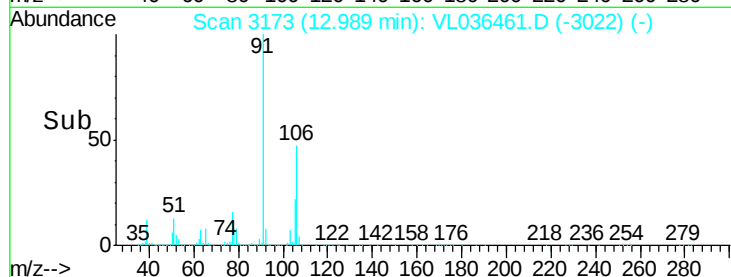
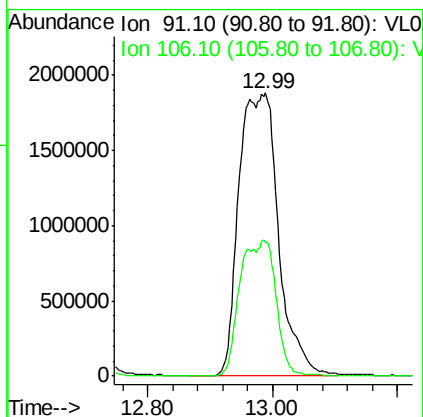
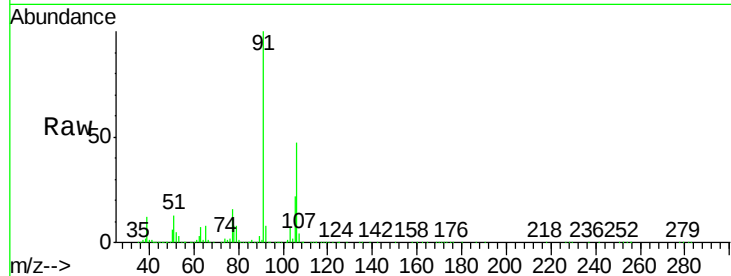


#59
m/p-Xylene
Concen: 20.121 ppbv m
RT: 12.99
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 24 Mar 2021 9:18

Tot Ion:
Ion Ratio
91 100
106 43.

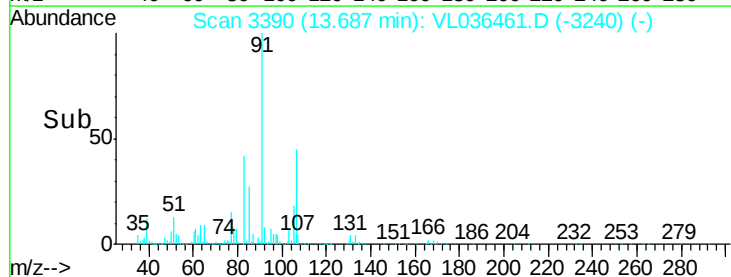
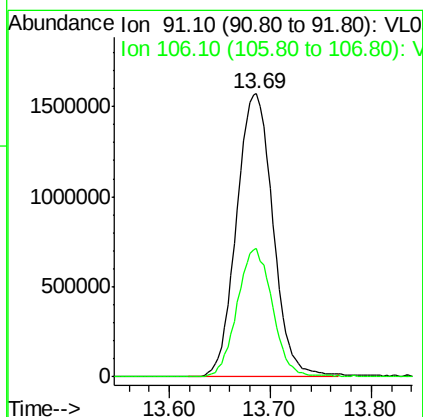
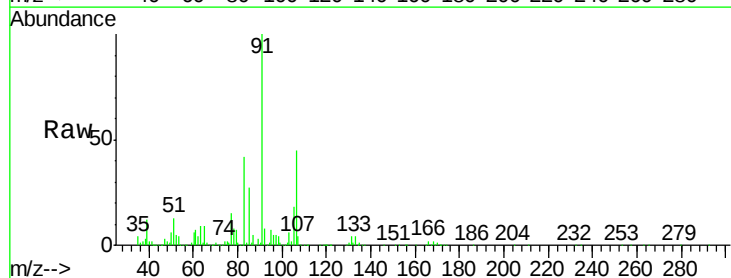
Manual Integrations
APPROVED

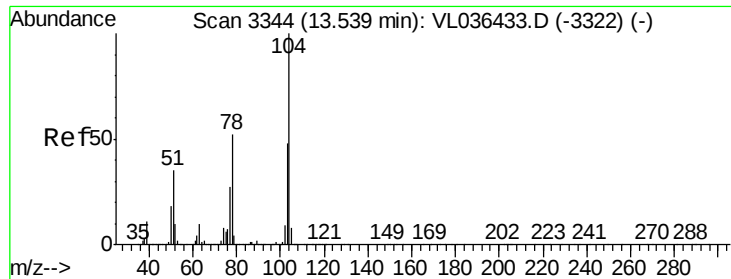
Reviewed By :Semsettin Yesilyurt 03/25/2021
Supervised By :Mahesh Dadoda 03/25/2021



#60
o-Xylene
Concen: 9.934 ppbv
RT: 13.69 min Scan# 3390
Delta R.T. -0.02 min
Lab File: VL036461.D
Acq: 24 Mar 2021 9:18

Tgt Ion: 91 Resp: 3920341
Ion Ratio Lower Upper
91 100
106 44.4 21.9 65.8



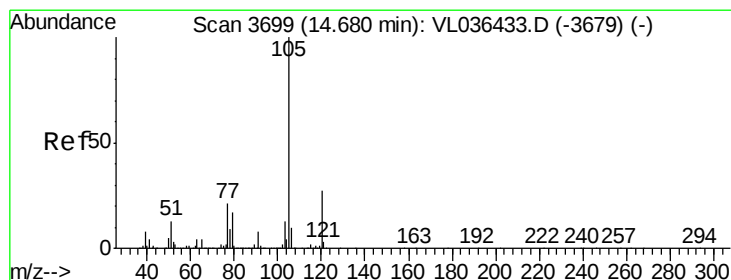
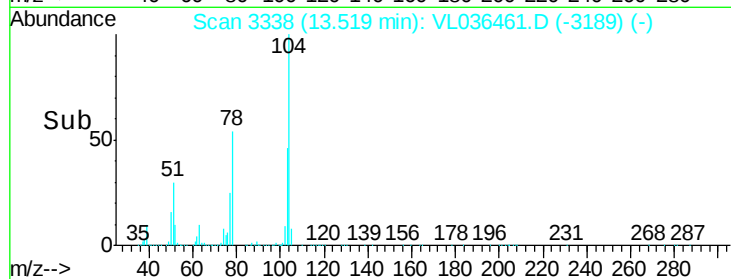
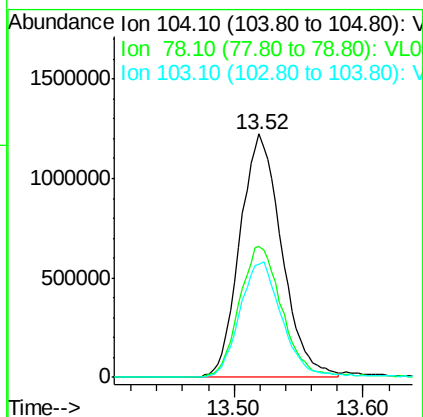
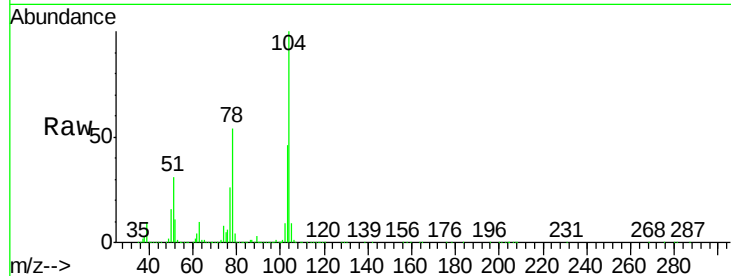


#61
Stvrene
Concen: 11.518 ppbv
RT: 13.52
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
Acq: 24 Mar 2021 9:18

Tot Ion:1
Ion Ratio
104 100
78 55.
103 48.

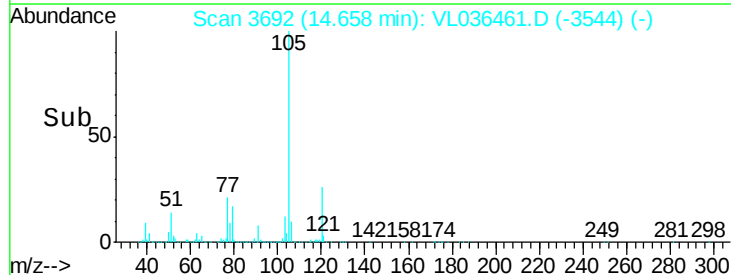
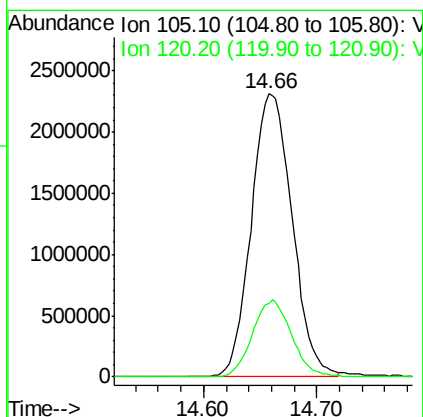
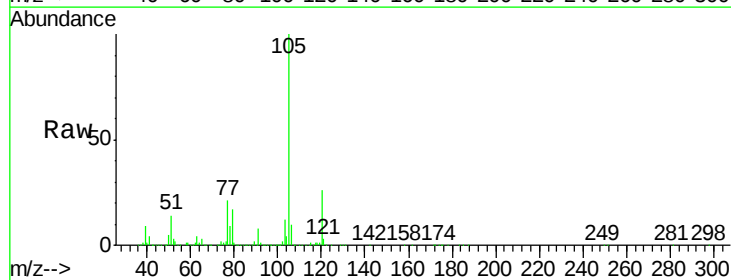
Manual Integrations
APPROVED

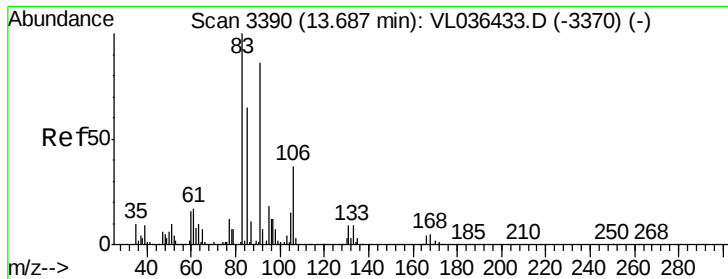
Reviewed By :Semsettin Yesilyurt 03/25/2021
Supervised By :Mahesh Dadoda 03/25/2021



#62
Isopropylbenzene
Concen: 9.749 ppbv
RT: 14.66 min Scan# 3692
Delta R.T. -0.02 min
Lab File: VL036461.D
Acq: 24 Mar 2021 9:18

Tgt Ion:105 Resp: 5801373
Ion Ratio Lower Upper
105 100
120 26.3 20.9 31.3





#63

1,1,2,2-Tetrachloroethane

Concen: 9.116 ppbv

RT: 13.67

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 24 Mar 2021 9:18

Tot Ion:

Ion Ratio

83 100

131 9.

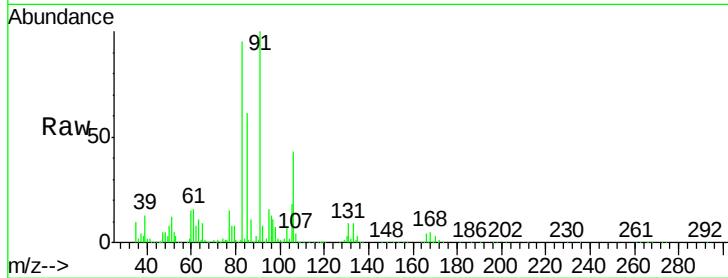
85 65.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/25/2021

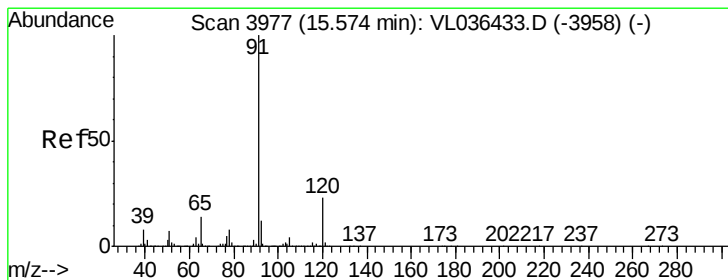
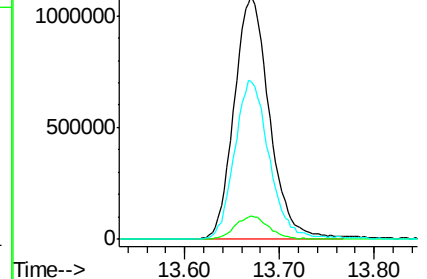
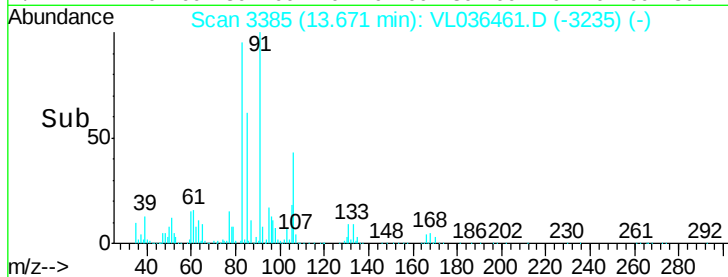
Supervised By :Mahesh Dadoda 03/25/2021



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: 10.326 ppbv

RT: 15.55 min Scan# 3971

Delta R.T. -0.02 min

Lab File: VL036461.D

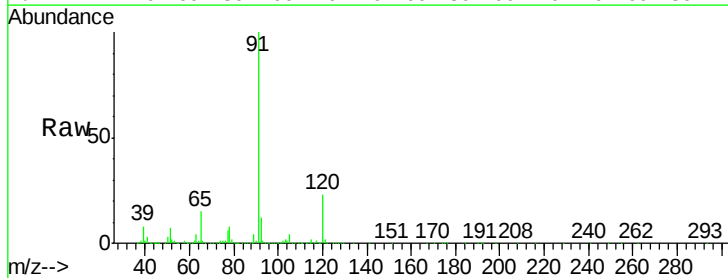
Acq: 24 Mar 2021 9:18

Tgt Ion:120 Resp: 1534827

Ion Ratio Lower Upper

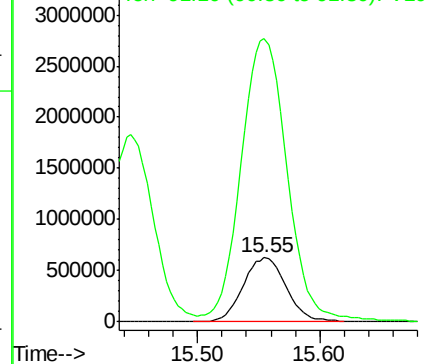
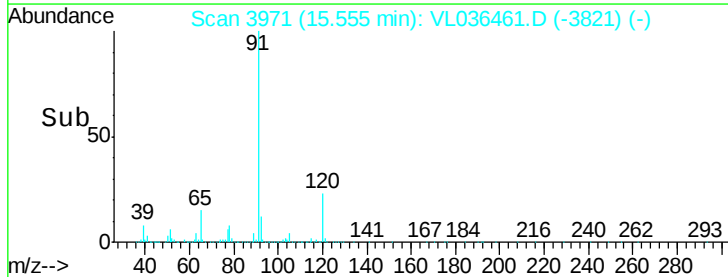
120 100

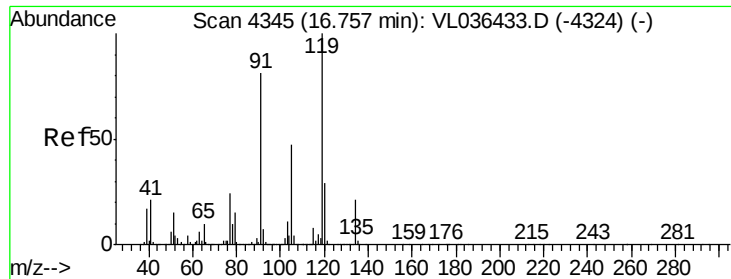
91 471.5 378.6 567.8



Abundance Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0





#65

tert-Butylbenzene

Concen: 9.745 ppbv

RT: 16.74

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 24 Mar 2021 9:18

Tot Ion:1

Ion Rati

119 100

91 84.

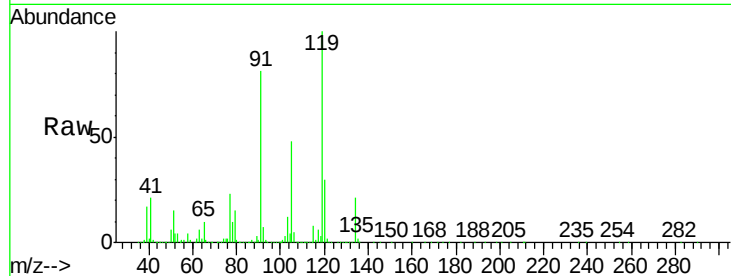
134 19.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/25/2021

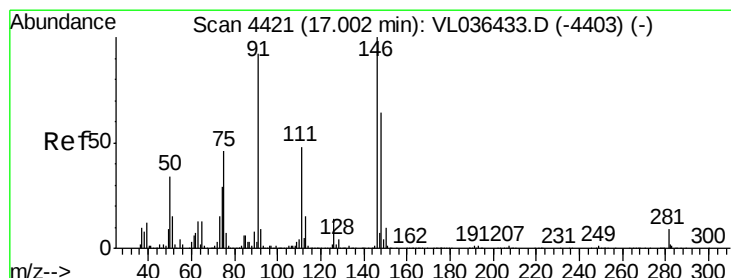
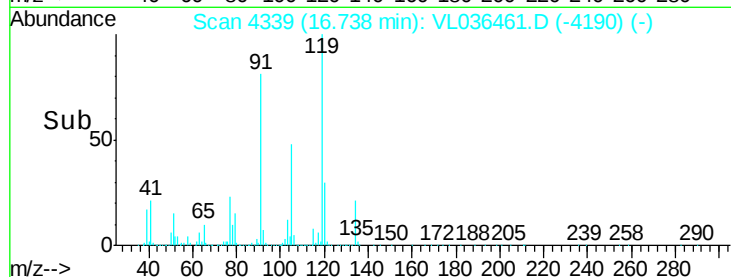
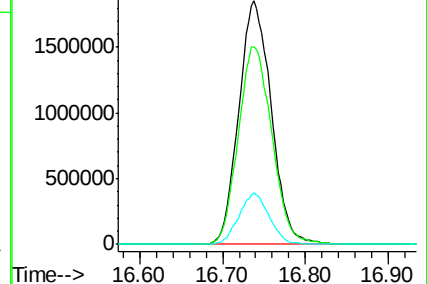
Supervised By :Mahesh Dadoda 03/25/2021



Abundance Ion 119.20 (118.90 to 119.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 134.20 (133.90 to 134.90): V



#66

Benzyl Chloride

Concen: 12.527 ppbv

RT: 16.98 min Scan# 4415

Delta R.T. -0.02 min

Lab File: VL036461.D

Acq: 24 Mar 2021 9:18

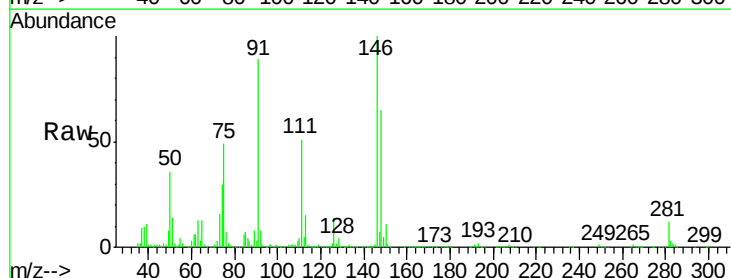
Tgt Ion: 91 Resp: 1810536

Ion Ratio Lower Upper

91 100

126 16.8 12.9 19.3

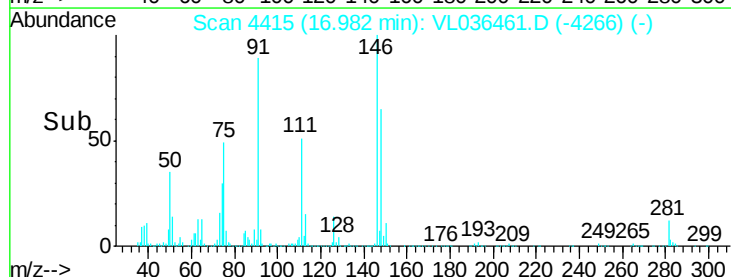
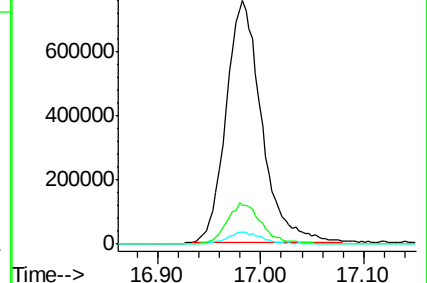
128 5.2 4.0 6.0

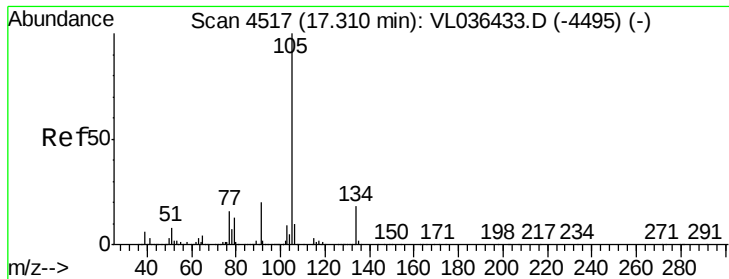


Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 126.10 (125.80 to 126.80): V

Ion 128.10 (127.80 to 128.80): V





#67

sec-Butylbenzene

Concen: 9.824 ppbv

RT: 17.29

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 24 Mar 2021 9:18

Tot Ion:1

Ion Ratio

105 100

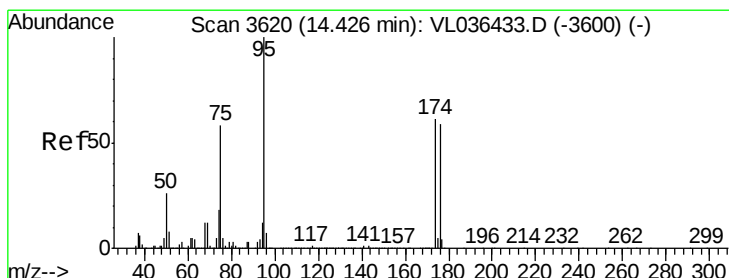
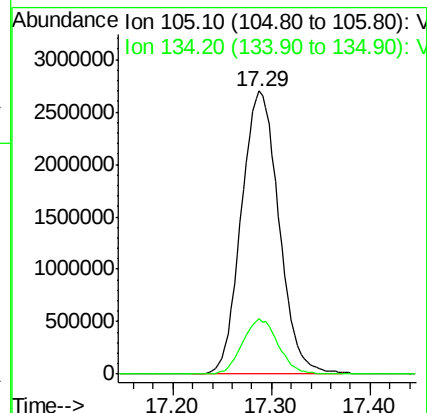
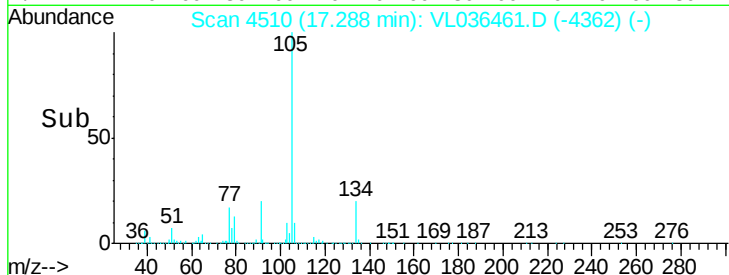
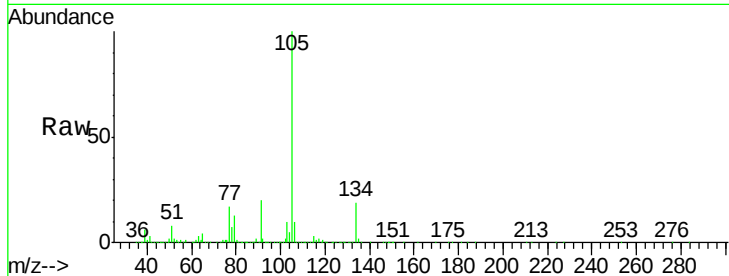
134 18.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/25/2021

Supervised By :Mahesh Dadoda 03/25/2021



#68

1-Bromo-4-Fluorobenzene

Concen: 10.260 ppbv

RT: 14.40 min Scan# 3613

Delta R.T. -0.02 min

Lab File: VL036461.D

Acq: 24 Mar 2021 9:18

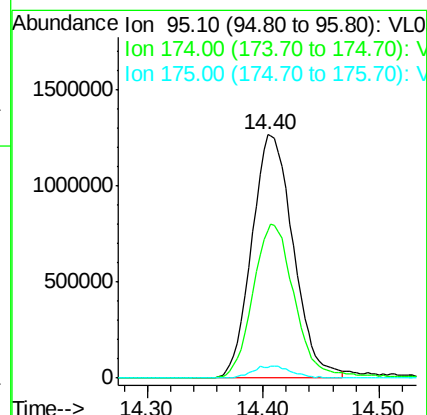
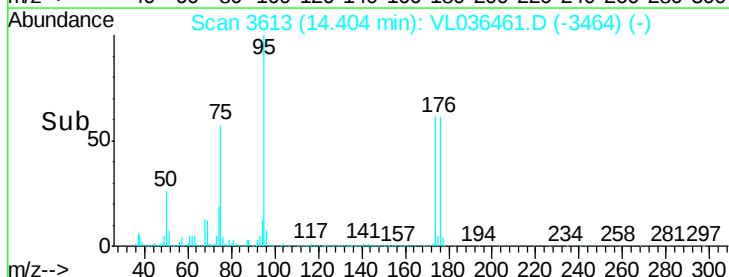
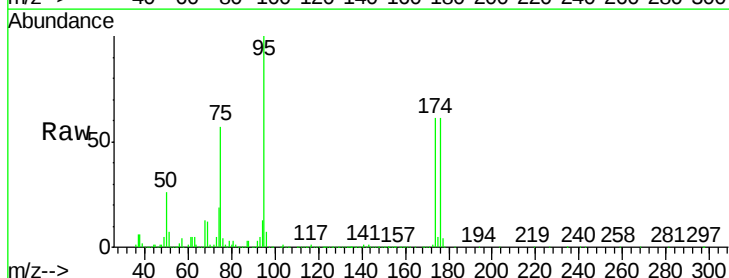
Tgt Ion: 95 Resp: 3155178

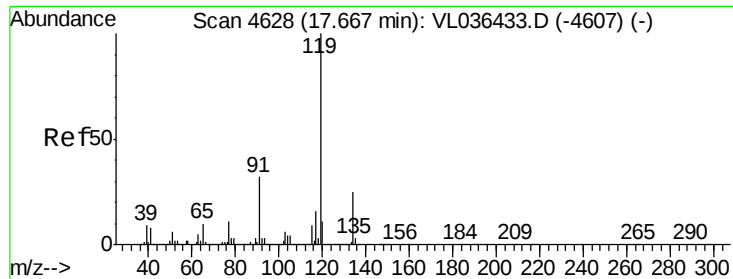
Ion Ratio Lower Upper

95 100

174 64.4 51.0 76.4

175 4.9 3.8 5.6



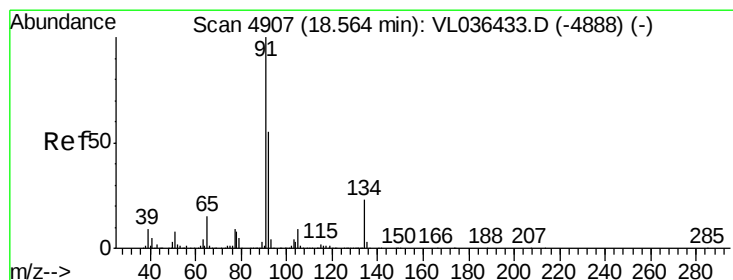
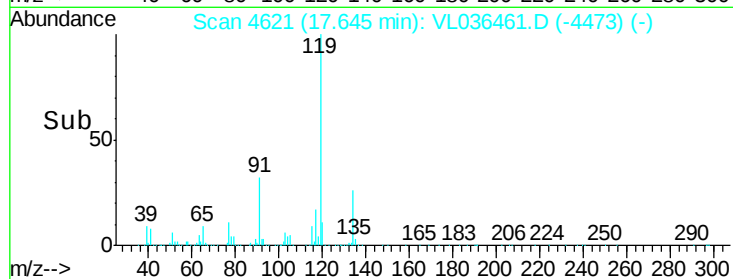
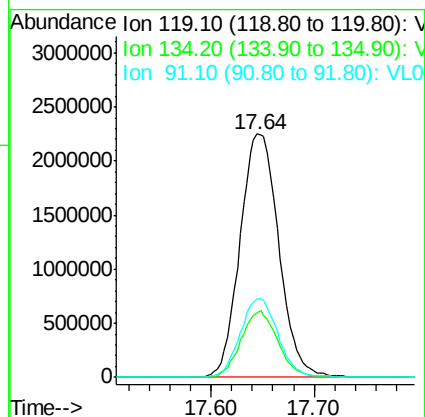
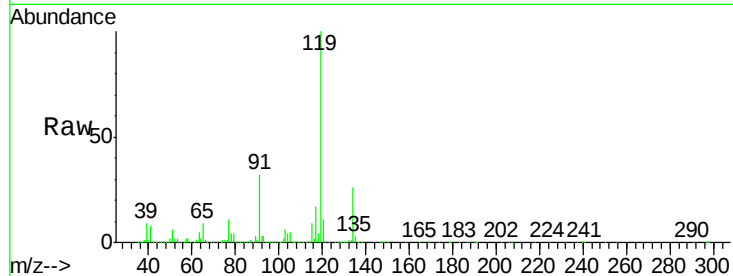


#69
 p-Isopropyltoluene
 Concen: 10.150 ppbv
 RT: 17.64 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 24 Mar 2021 9:18

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

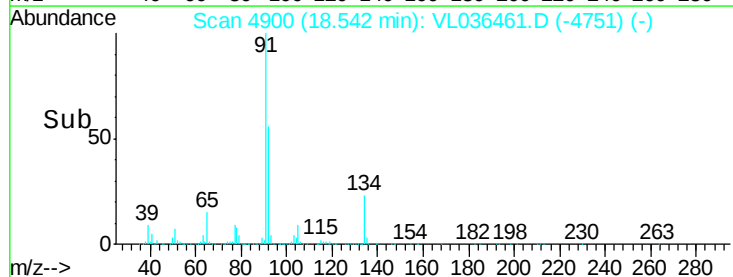
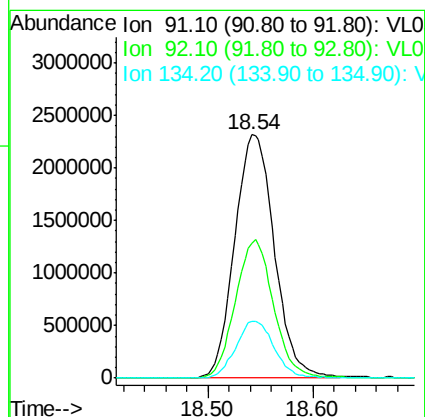
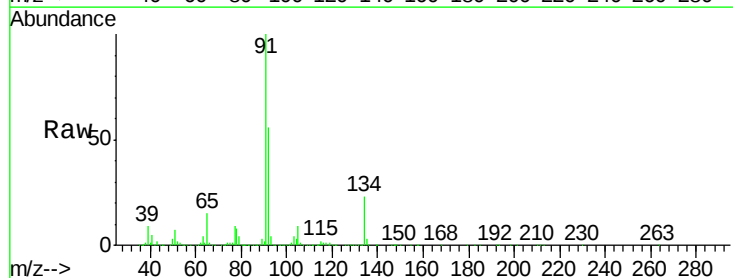
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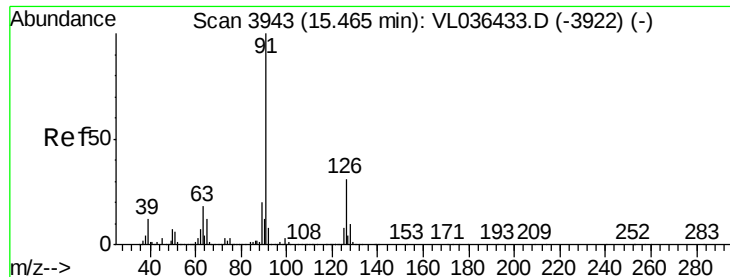
Reviewed By : Semsettin Yesilyurt 03/25/2021
 Supervised By : Mahesh Dadoda 03/25/2021



#70
 n-Butylbenzene
 Concen: 10.110 ppbv
 RT: 18.54 min Scan# 4900
 Delta R.T.: -0.02 min
 Lab File: VL036461.D
 Acq: 24 Mar 2021 9:18

Tgt Ion: 91 Resp: 6045260
 Ion Ratio Lower Upper
 91 100
 92 55.1 44.1 66.1
 134 22.9 17.9 26.9





#71

2-Chlorotoluene

Concen: 10.130 ppbv

RT: 15.45

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 24 Mar 2021 9:18

Tot Ion:

Ion Ratio

91 100

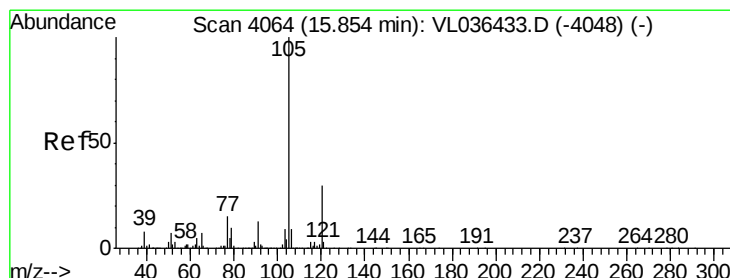
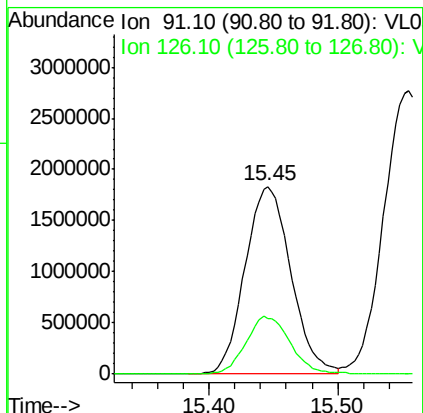
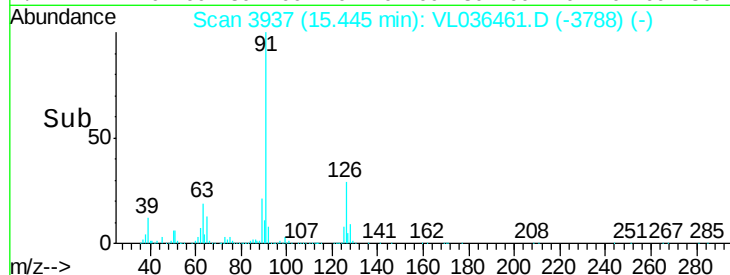
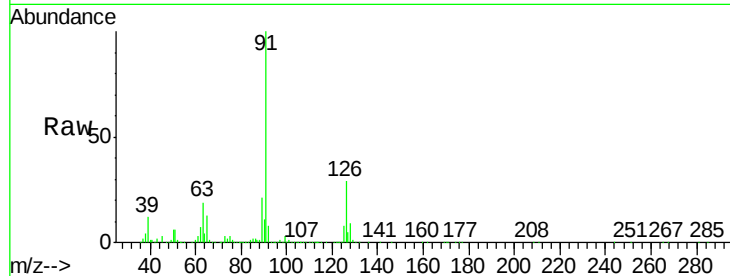
126 30.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/25/2021

Supervised By :Mahesh Dadoda 03/25/2021



#72

4-Ethyltoluene

Concen: 10.482 ppbv

RT: 15.83 min Scan# 4057

Delta R.T. -0.02 min

Lab File: VL036461.D

Acq: 24 Mar 2021 9:18

Tgt Ion:105 Resp: 4492940

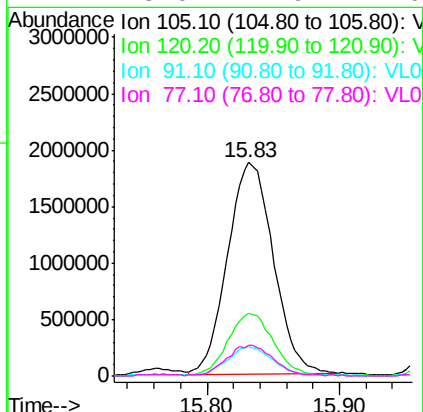
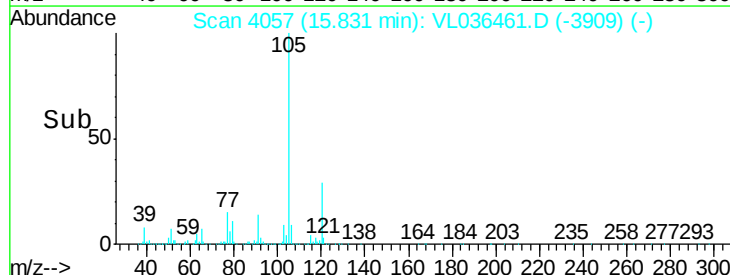
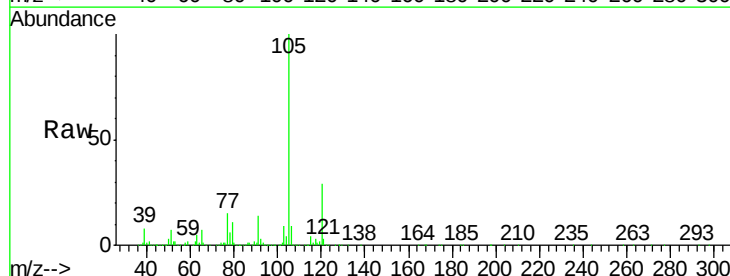
Ion Ratio Lower Upper

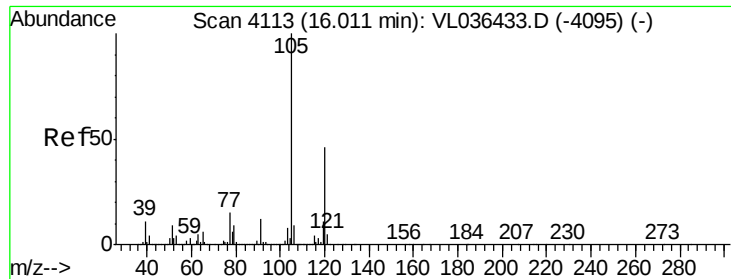
105 100

120 31.0 23.8 35.6

91 13.8 10.9 16.3

77 15.0 11.9 17.9





#73

1,3,5-Trimethylbenzene

Concen: 10.274 ppbv

RT: 15.99

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 24 Mar 2021 9:18

Tot Ion:1

Ion Ratio

105 100

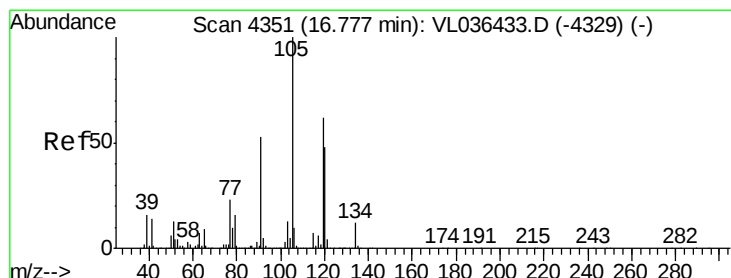
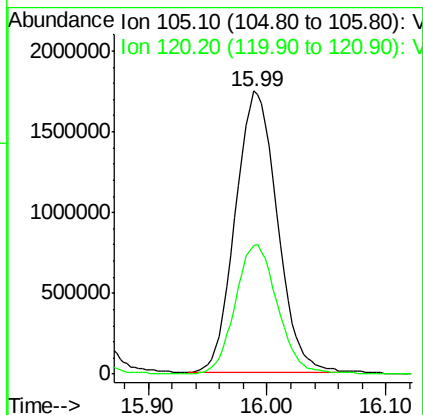
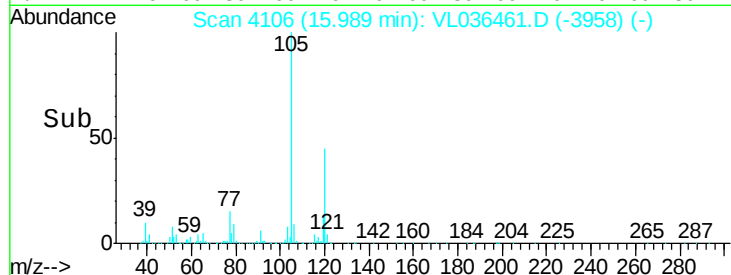
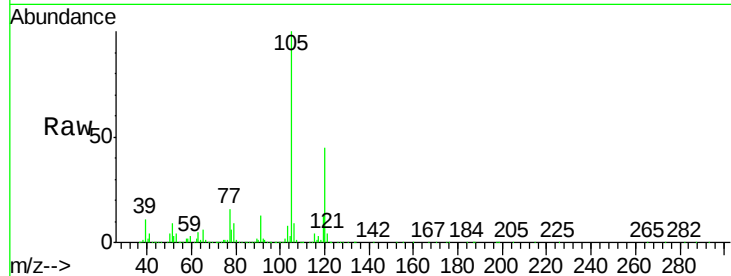
120 45.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/25/2021

Supervised By :Mahesh Dadoda 03/25/2021



#74

1,2,4-Trimethylbenzene

Concen: 9.900 ppbv

RT: 16.76 min Scan# 4345

Delta R.T. -0.02 min

Lab File: VL036461.D

Acq: 24 Mar 2021 9:18

Tgt Ion:105 Resp: 4371251

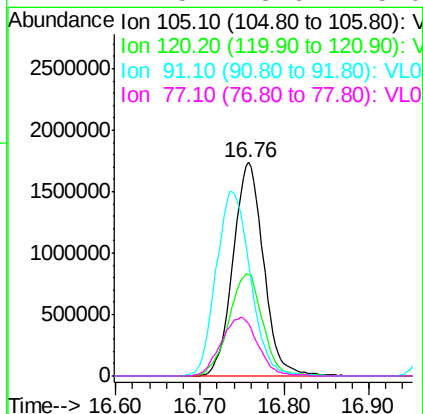
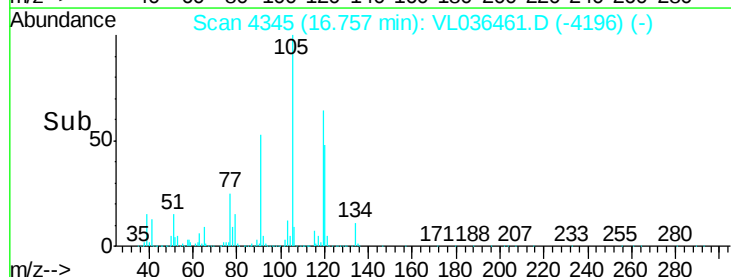
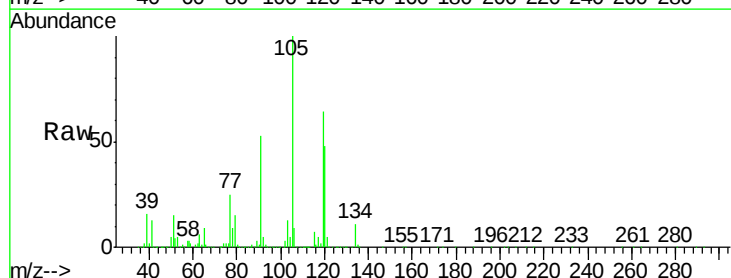
Ion Ratio Lower Upper

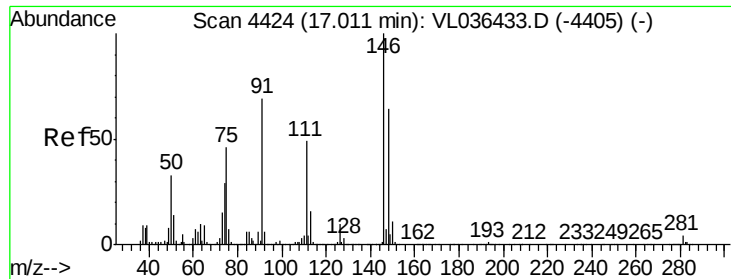
105 100

120 47.5 38.2 57.4

91 52.5 42.6 63.8

77 24.5 18.6 28.0





#75

1,3-Dichlorobenzene

Concen: 9.982 ppbv

RT: 16.99

Delta R.T. MSVOA_L

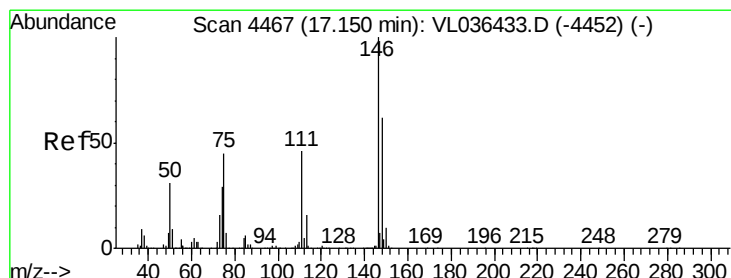
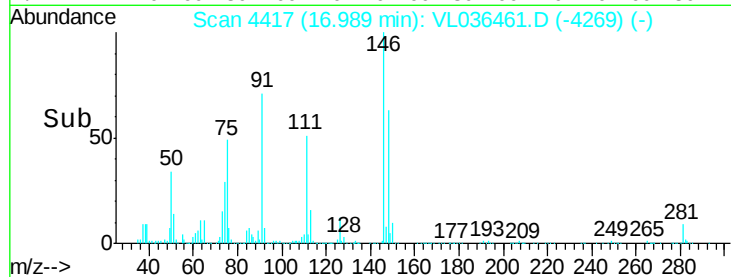
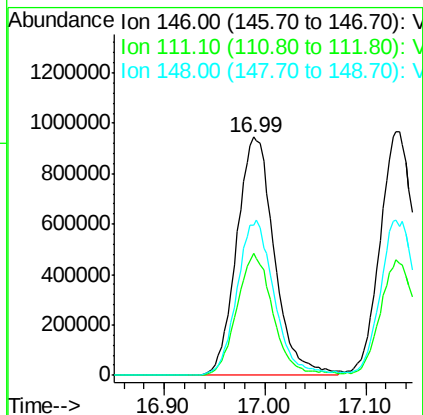
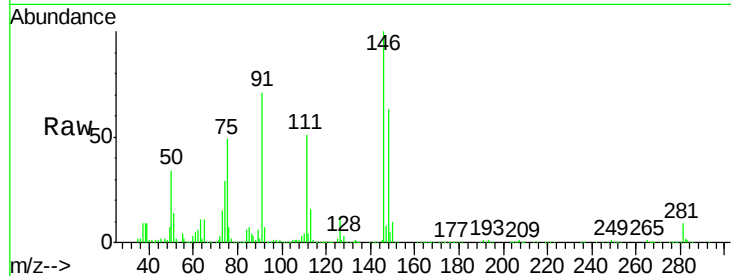
Lab File: ClientSampleId:

Acq: 24 Mar 2021 9:18

Tot Ion:1
Ion Rati
146 100
111 49.
148 64.

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 03/25/2021
Supervised By :Mahesh Dadoda 03/25/2021



#76

1,4-Dichlorobenzene

Concen: 9.567 ppbv

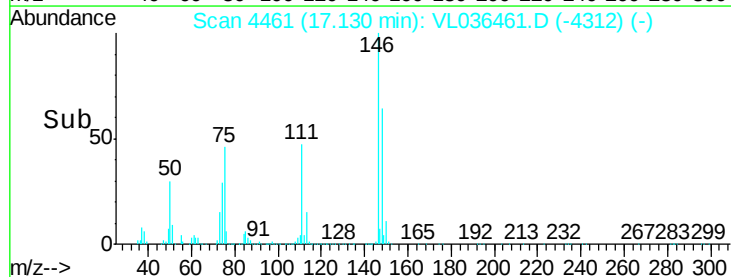
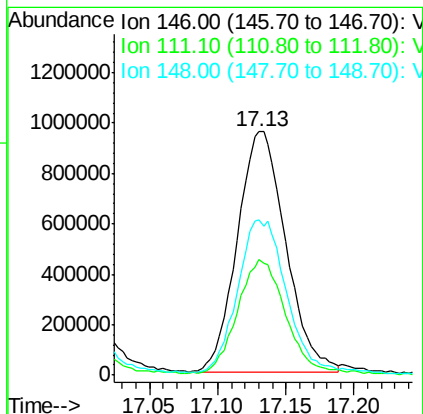
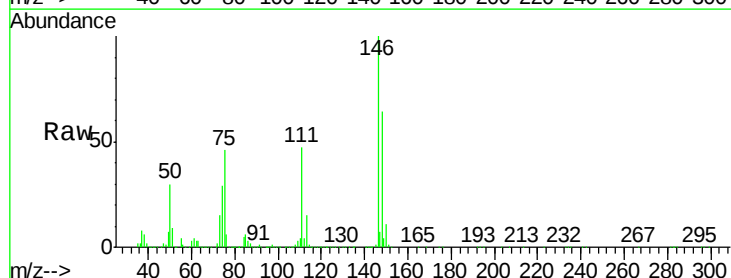
RT: 17.13 min Scan# 4461

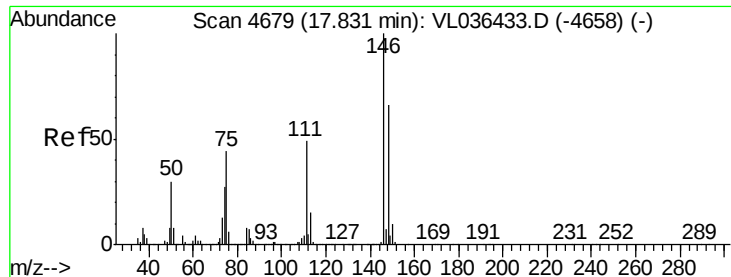
Delta R.T. -0.02 min

Lab File: VL036461.D

Acq: 24 Mar 2021 9:18

Tgt Ion:146 Resp: 2344122
Ion Ratio Lower Upper
146 100
111 49.3 24.5 73.5
148 67.6 33.1 99.2





#77

1,2-Dichlorobenzene

Concen: 9.875 ppbv

RT: 17.81

Delta R.T. MSVOA_L

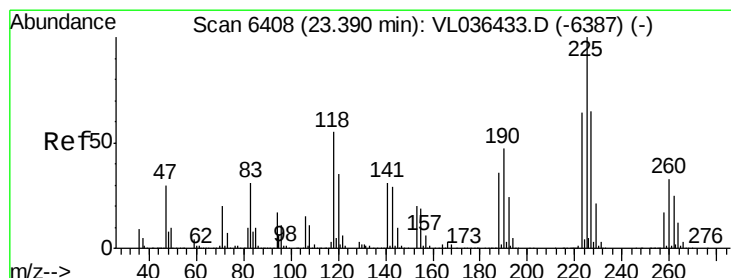
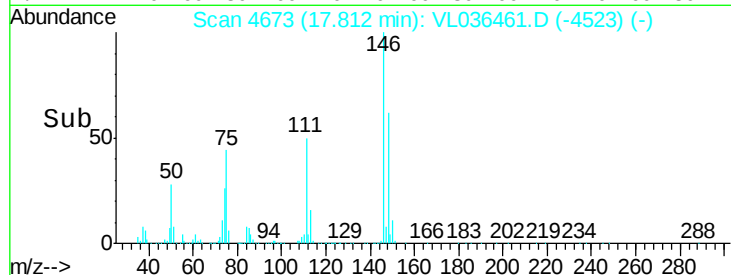
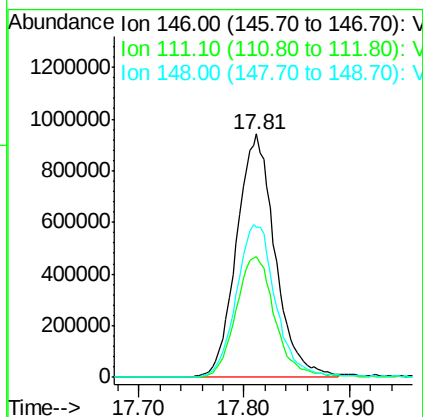
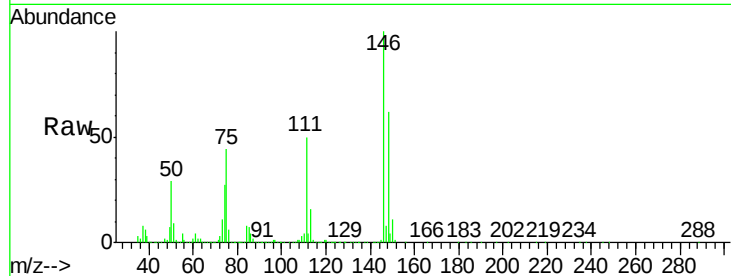
Lab File: ClientSampleId :

Acq: 24 Mar 2021 9:18

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

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 03/25/2021
Supervised By :Mahesh Dadoda 03/25/2021



#78

Hexachloro-1,3-Butadiene

Concen: 8.643 ppbv

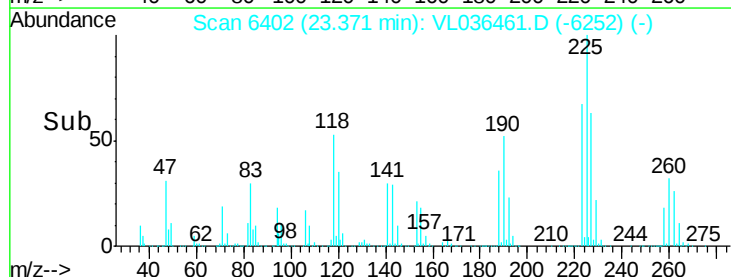
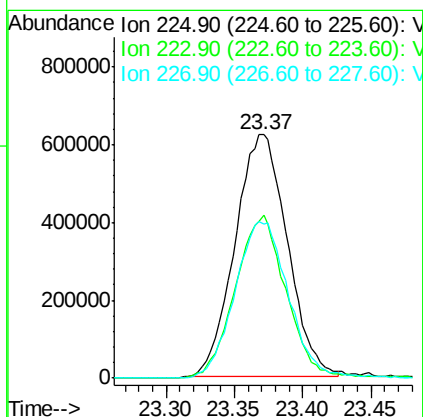
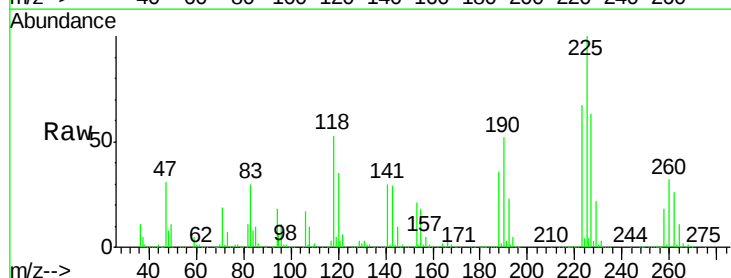
RT: 23.37 min Scan# 6402

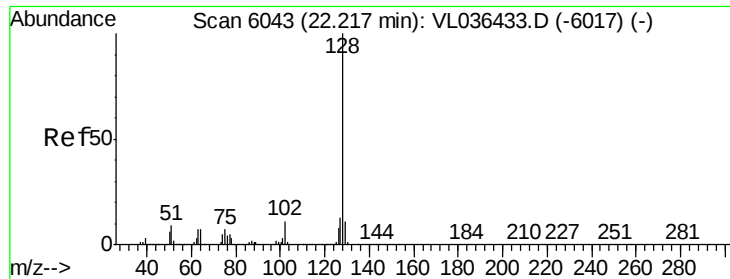
Delta R.T. -0.02 min

Lab File: VL036461.D

Acq: 24 Mar 2021 9:18

Tgt Ion:225 Resp: 1651381
Ion Ratio Lower Upper
225 100
223 66.5 51.8 77.8
227 66.6 53.0 79.6



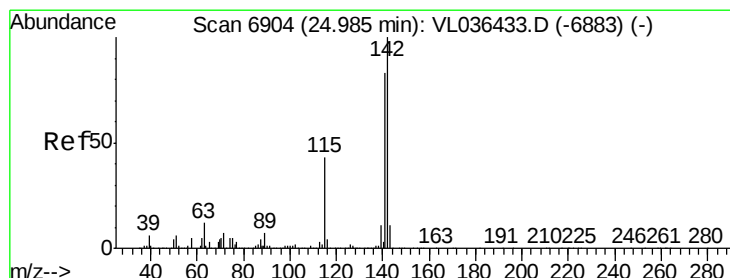
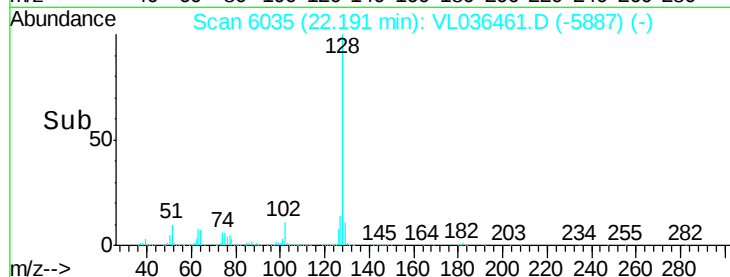
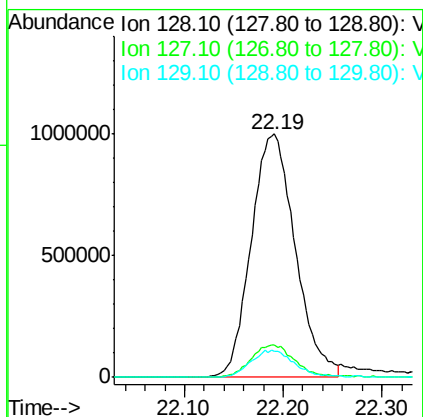
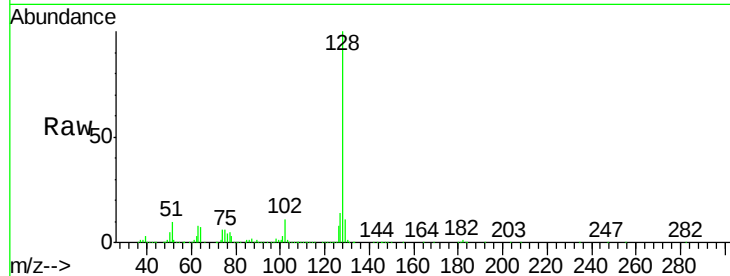


#79
Naphthalene
Concen: 11.977 ppbv
RT: 22.19 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 24 Mar 2021 9:18

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

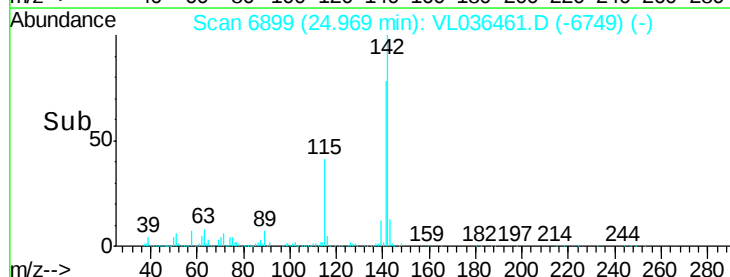
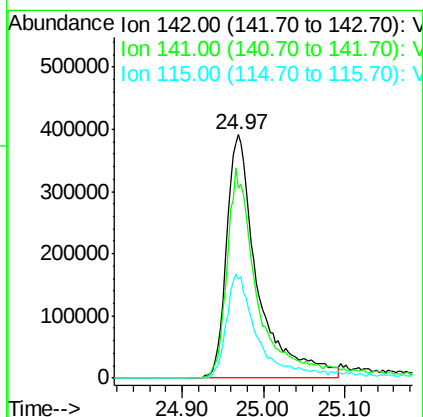
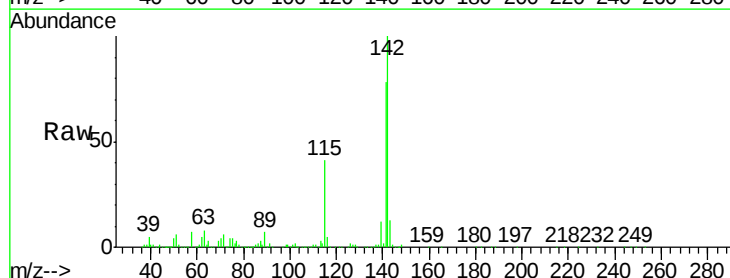
Manual Integrations
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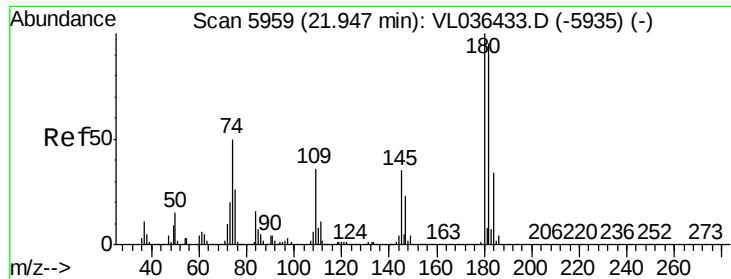
Reviewed By :Semsettin Yesilyurt 03/25/2021
Supervised By :Mahesh Dadoda 03/25/2021



#80
Naphthalene, 2-methyl-
Concen: 18.742 ppbv
RT: 24.97 min Scan# 6899
Delta R.T. -0.02 min
Lab File: VL036461.D
Acq: 24 Mar 2021 9:18

Tgt Ion:142 Resp: 1048115
Ion Ratio Lower Upper
142 100
141 88.4 69.0 103.6
115 44.8 32.4 48.6





#81
 1,2,4-Trichlorobenzene
 Concen: 11.102 ppbv
 RT: 21.92
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 24 Mar 2021 9:18

Tot Ion:1
 Ion Rati
 180 100
 182 100.
 184 32.

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 03/25/2021
 Supervised By :Mahesh Dadoda 03/25/2021

