

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL030321\
 Data File : VL036442.D
 Acq On : 3 Mar 2021 17:11
 Operator : SY/AP
 Sample : VL0303ABS01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VL0303ABS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 03/04/2021
 Supervised By : Mahesh Dadoda 03/04/2021

Quant Time: Mar 04 03:15:29 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)
1) Bromochloromethane	5.68	49	1678983	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	4075869	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	4021107m	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	3230031	9.77	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.70%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.05	85	2270832	9.786	ppbv 99
3) Chlorodifluoromethane	2.99	51	1782723	8.977	ppbv 100
4) Chloromethane	3.15	50	910128	9.644	ppbv 98
5) Vinyl Chloride	3.26	62	879751	9.873	ppbv 100
6) Bromomethane	3.48	94	509933	9.231	ppbv 95
7) Chloroethane	3.56	64	302908	9.025	ppbv 98
8) Dichlorotetrafluoroethane	3.19	85	2071541	9.088	ppbv 100
9) Propene	3.02	41	810978	9.372	ppbv 100
10) Heptane	8.14	43	2079078	9.745	ppbv 100
11) Trichlorofluoromethane	3.96	101	2223964	9.281	ppbv 99
12) 1,1,2-Trichlorotrifluoroet	4.49	101	1414464	9.255	ppbv 99
13) Ethanol	3.61	45	127939m	9.636	ppbv
14) Bromoethene	3.75	108	612818	9.658	ppbv 99
15) Acetone	3.86	43	1641384	8.555	ppbv 99
16) 1,3-Butadiene	3.33	39	857050	9.261	ppbv 99
17) tert-Butyl alcohol	4.30	59	1391263	9.144	ppbv 100
18) 1,1-Dichloroethene	4.29	96	622970	9.166	ppbv 92
19) Isopropyl Alcohol	3.98	45	870845	8.076	ppbv # 97
20) Methylene Chloride	4.35	84	559045	8.644	ppbv 95
21) Allyl Chloride	4.42	41	1007680	9.314	ppbv 98
22) trans-1,2-Dichloroethene	4.90	96	556716	9.046	ppbv 97
23) Vinyl Acetate	5.09	43	2119198	9.759	ppbv 99
24) 1,1-Dichloroethane	5.02	63	1659272	9.681	ppbv 100
25) Ethyl Acetate	5.69	43	3576583	9.587	ppbv 100
26) Hexane	5.70	57	1423156	9.323	ppbv 99
27) Carbon Disulfide	4.56	76	1578231	10.417	ppbv 98
28) Methyl tert-Butyl Ether	5.04	73	2018202	9.866	ppbv 99
29) Chloroform	5.77	83	2303965	9.225	ppbv 98
30) Cyclohexane	7.14	84	1201082	9.523	ppbv 99
31) cis-1,2-Dichloroethene	5.56	61	1450133	9.835	ppbv 94
32) 1,1,1-Trichloroethane	6.53	97	2247906	8.958	ppbv 100
34) 2-Butanone	5.26	43	2225180	9.057	ppbv 100
35) Carbon Tetrachloride	7.03	117	2350023	8.923	ppbv 98
36) Benzene	6.91	78	2981662	9.428	ppbv 98
37) 1,2-Dichloroethane	6.32	62	1761356	8.863	ppbv 100
38) Trichloroethene	7.85	130	1071025	8.961	ppbv 97
39) 1,2-Dichloropropane	7.63	63	1192727	8.869	ppbv 98
40) 1,4-Dioxane	7.85	88	357539	8.099	ppbv # 1
41) Tetrahydrofuran	6.06	42	1333687	9.733	ppbv 99
42) Bromodichloromethane	7.81	83	2458027	9.152	ppbv 100
43) Methyl Methacrylate	8.03	69	1307427	10.207	ppbv 100

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Instrument :
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 ClientSampleId :
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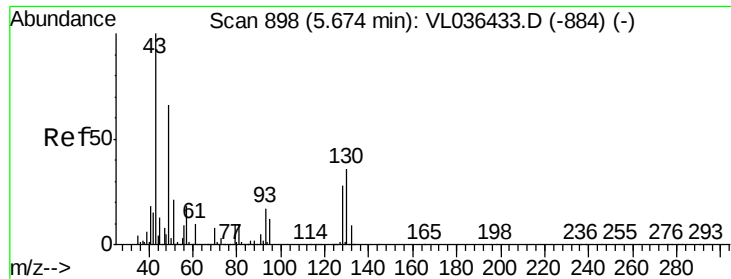
Manual Integrations
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 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Wed Mar 03 14:18:24 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.88	57	5097776	8.840	ppbv	100
45) t-1,3-Dichloropropene	9.29	75	1381105	11.079	ppbv	99
46) cis-1,3-Dichloropropene	8.72	75	1707654	10.493	ppbv	98
47) 1,1,2-Trichloroethane	9.49	97	1193346	8.901	ppbv	97
48) Dibromochloromethane	10.32	129	1943733	9.574	ppbv	100
49) Bromoform	13.06	173	1536243	9.250	ppbv	99
50) 4-Methyl-2-Pentanone	8.75	43	3479673	9.728	ppbv	100
51) 2-Hexanone	10.15	43	2763829	10.221	ppbv #	100
52) Tetrachloroethene	11.24	164	994847	8.388	ppbv	97
53) Toluene	9.82	91	3320962	9.750	ppbv	100
54) 1,2-Dibromoethane	10.63	107	1733375	8.956	ppbv	99
56) 1,1,1,2-Tetrachloroethane	12.14	131	1452036	8.149	ppbv	96
57) Chlorobenzene	12.17	112	2392646	8.238	ppbv	99
58) Ethyl Benzene	12.73	91	4439939	8.887	ppbv	100
59) m/p-Xylene	13.02	91	7488597m	16.952	ppbv	
60) o-Xylene	13.71	91	3498439	8.244	ppbv	99
61) Styrene	13.55	104	2460981	9.536	ppbv	100
62) Isopropylbenzene	14.69	105	5221580	8.160	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.70	83	2372513	7.151	ppbv	100
64) n-propylbenzene	15.58	120	1337584	8.369	ppbv	100
65) tert-Butylbenzene	16.76	119	4342695	7.801	ppbv	100
66) Benzyl Chloride	17.01	91	1412710	9.090	ppbv	99
67) sec-Butylbenzene	17.32	105	6130491	7.886	ppbv	99
69) p-Isopropyltoluene	17.67	119	5057106	8.130	ppbv	99
70) n-Butylbenzene	18.57	91	5269858	8.196	ppbv	100
71) 2-Chlorotoluene	15.47	91	3956079	8.219	ppbv	99
72) 4-Ethyltoluene	15.86	105	3990978	8.659	ppbv	99
73) 1,3,5-Trimethylbenzene	16.02	105	3691418	8.255	ppbv	100
74) 1,2,4-Trimethylbenzene	16.79	105	3739064	7.875	ppbv	98
75) 1,3-Dichlorobenzene	17.02	146	2044404	7.754	ppbv	99
76) 1,4-Dichlorobenzene	17.16	146	1988407	7.547	ppbv	100
77) 1,2-Dichlorobenzene	17.84	146	1971288	7.636	ppbv	100
78) Hexachloro-1,3-Butadiene	23.40	225	1762533	8.579	ppbv	98
79) Naphthalene	22.23	128	3539725	12.728	ppbv	99
80) Naphthalene, 2-methyl-	24.99	142	870429	14.475	ppbv	98
81) 1,2,4-Trichlorobenzene	21.96	180	1771341	11.081	ppbv	98

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 3 Mar 2021 17:11 VL0303ABS01

Tot Ion:

Ion Ratio

49 100

128 44.

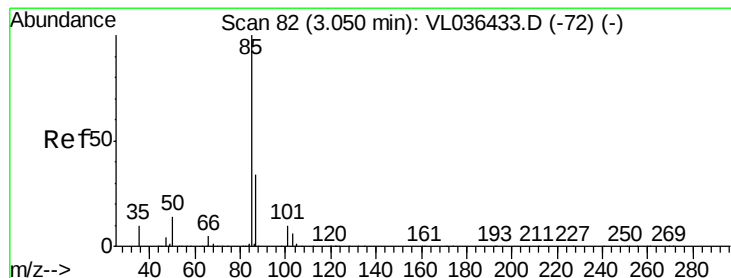
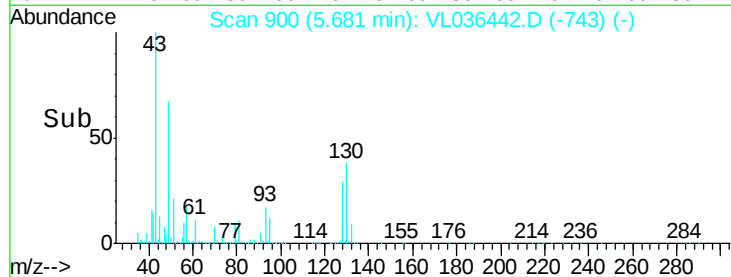
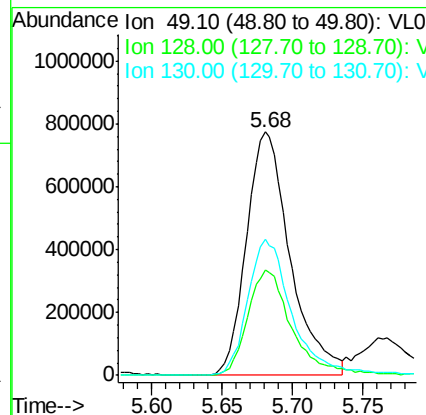
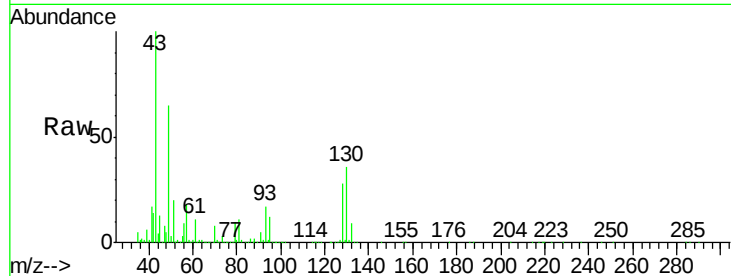
130 57.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/04/2021

Supervised By :Mahesh Dadoda 03/04/2021



#2

Dichlorodifluoromethane

Concen: 9.786 ppbv

RT: 3.05 min Scan# 83

Delta R.T. 0.00 min

Lab File: VL036442.D

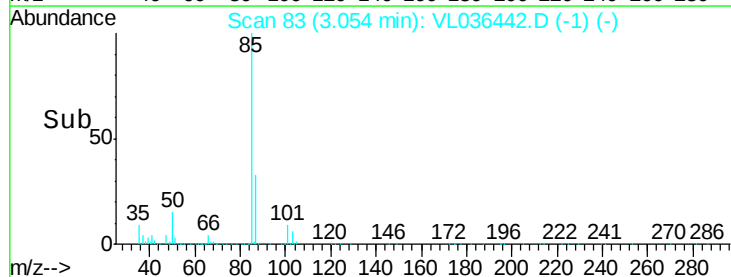
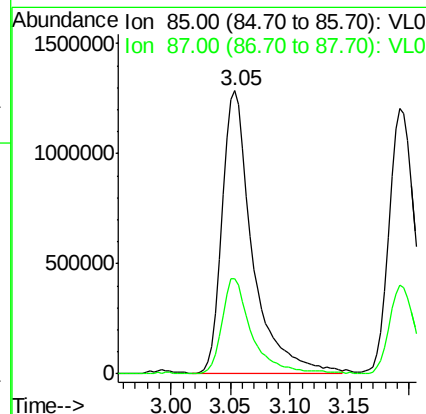
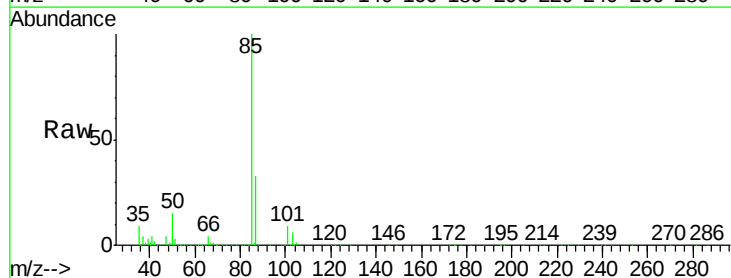
Acq: 3 Mar 2021 17:11

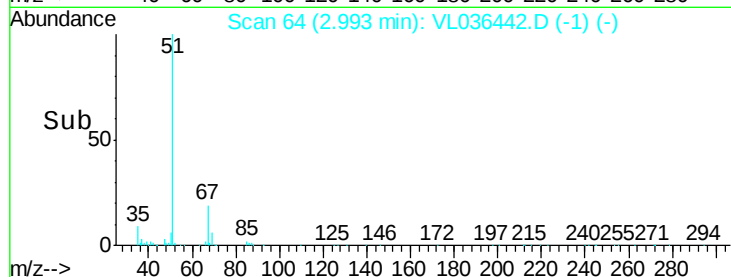
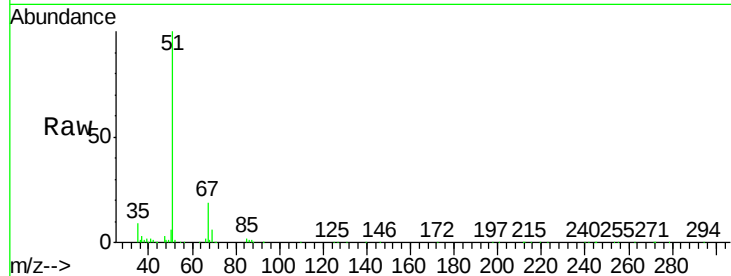
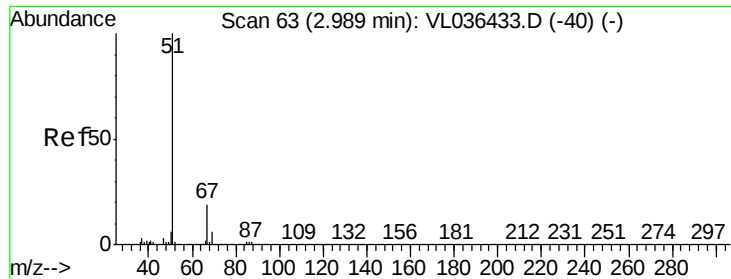
Tgt Ion: 85 Resp: 2270832

Ion Ratio Lower Upper

85 100

87 33.4 27.1 40.7



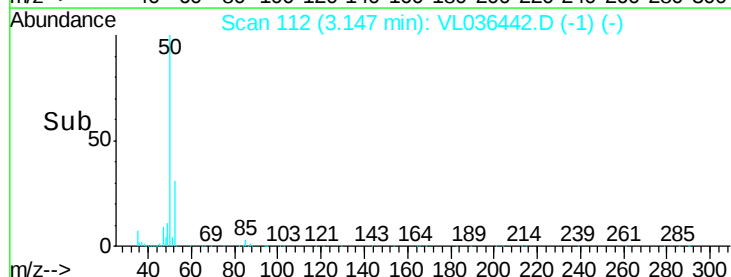
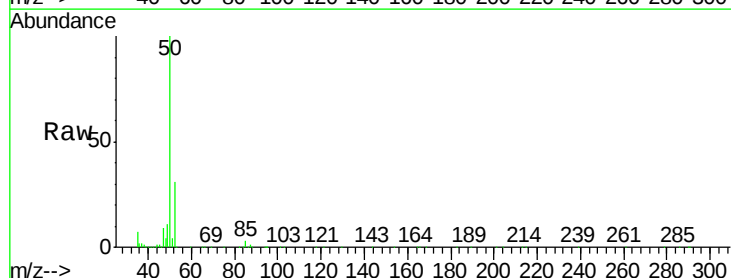
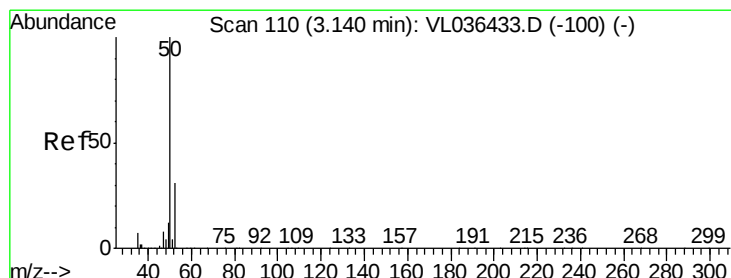
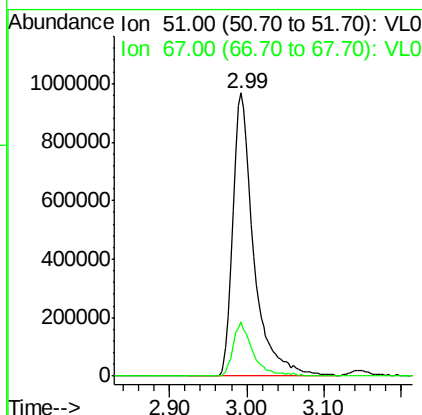


#3
Chlorodifluoromethane
Concen: 8.977 ppbv
RT: 2.99
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId : VL0303ABS01
Acq: 3 Mar 2021 17:11

Tot Ion:
Ion Ratio
51 100
67 18.

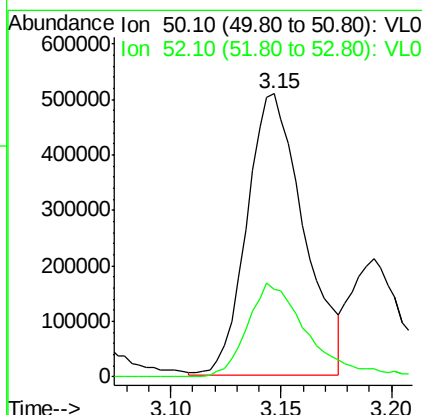
Manual Integrations
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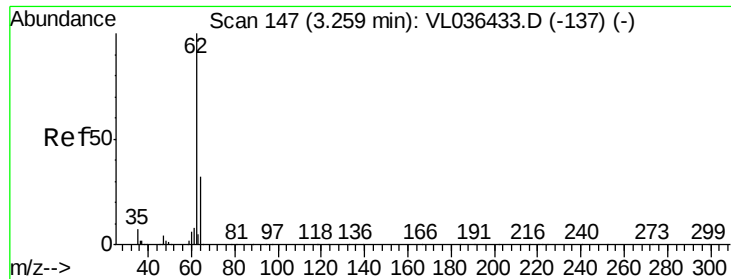
Reviewed By :Semsettin Yesilyurt 03/04/2021
Supervised By :Mahesh Dadoda 03/04/2021



#4
Chloromethane
Concen: 9.644 ppbv
RT: 3.15 min Scan# 112
Delta R.T. 0.01 min
Lab File: VL036442.D
Acq: 3 Mar 2021 17:11

Tgt Ion: 50 Resp: 910128
Ion Ratio Lower Upper
50 100
52 31.6 24.6 36.8





#5

Vinyl Chloride

Concen: 9.873 ppbv

RT: 3.26 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 3 Mar 2021 17:11 VL0303ABS01

Tot Ion:

Ion Ratio

62 100

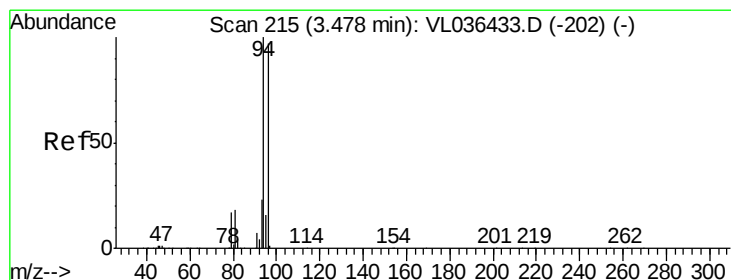
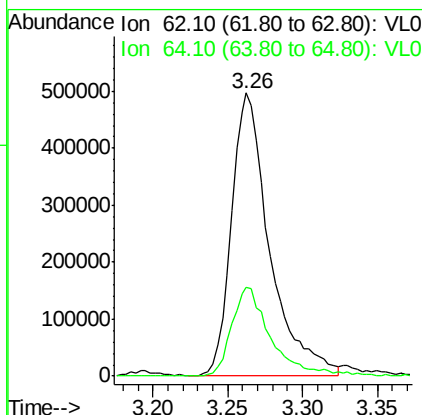
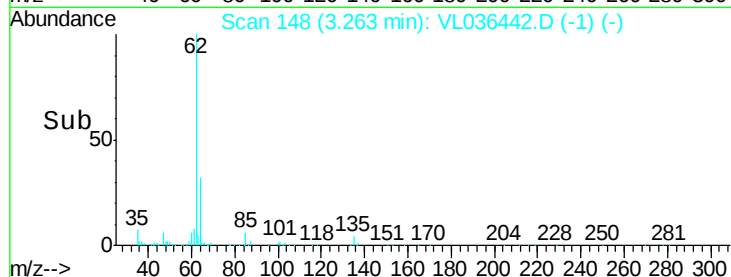
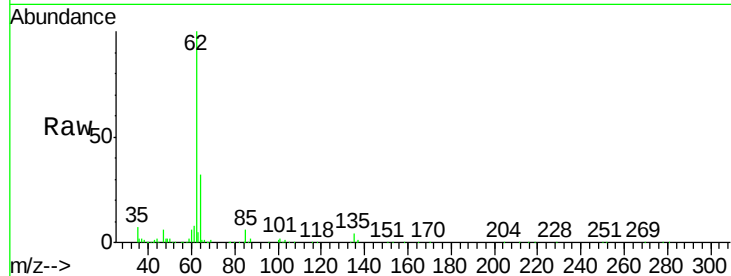
64 31.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/04/2021

Supervised By :Mahesh Dadoda 03/04/2021



#6

Bromomethane

Concen: 9.231 ppbv

RT: 3.48 min Scan# 216

Delta R.T. 0.00 min

Lab File: VL036442.D

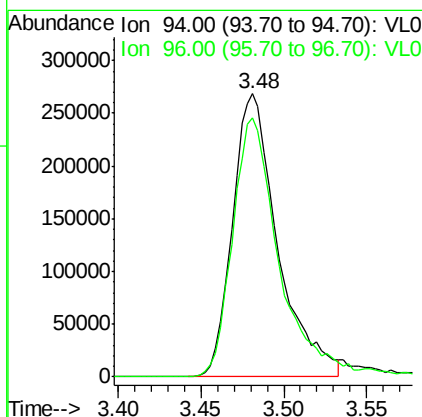
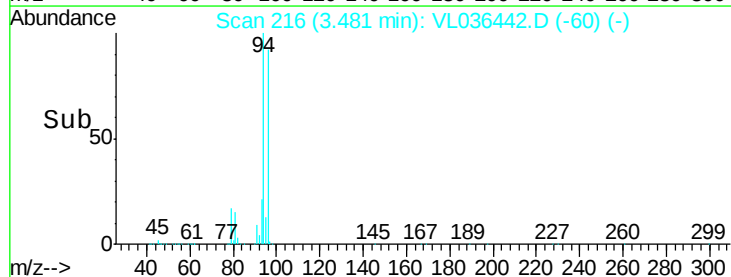
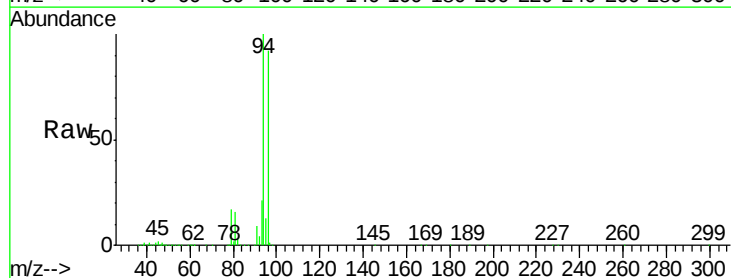
Acq: 3 Mar 2021 17:11

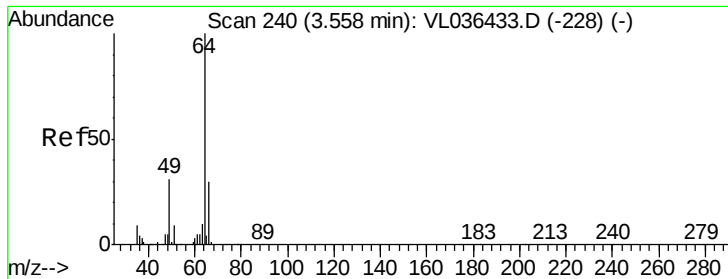
Tgt Ion: 94 Resp: 509933

Ion Ratio Lower Upper

94 100

96 91.6 77.3 115.9





#7

Chloroethane

Concen: 9.025 ppbv

RT: 3.56 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 3 Mar 2021 17:11 VL0303ABS01

Tot Ion:

Ion Ratio

64 100

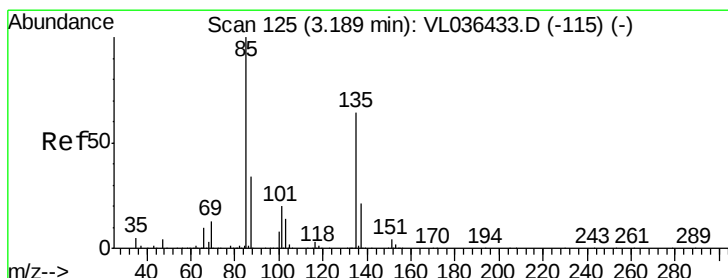
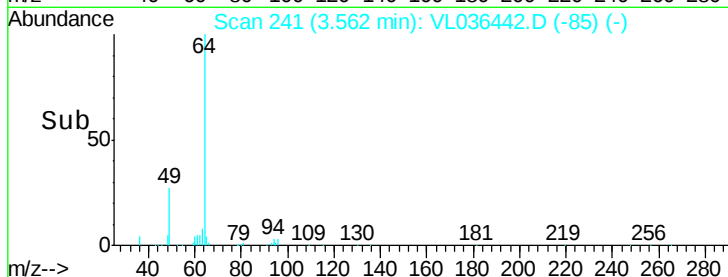
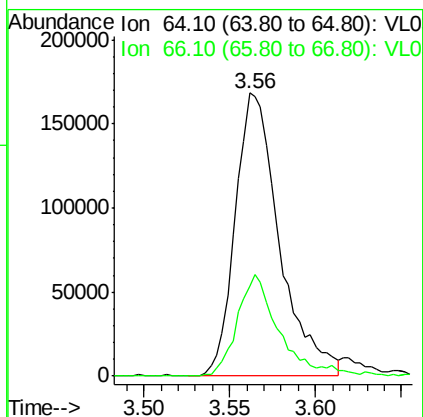
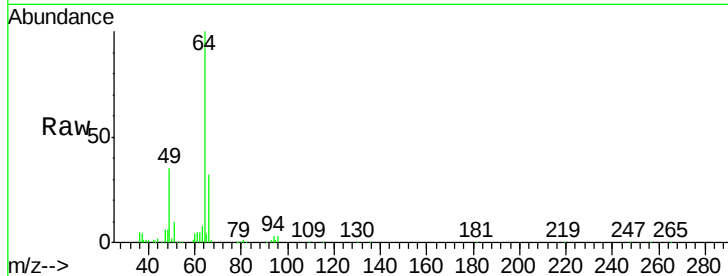
66 31.

Manual Integrations

APPROVED

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Supervised By :Mahesh Dadoda 03/04/2021



#8

Dichlorotetrafluoroethane

Concen: 9.088 ppbv

RT: 3.19 min Scan# 126

Delta R.T. 0.00 min

Lab File: VL036442.D

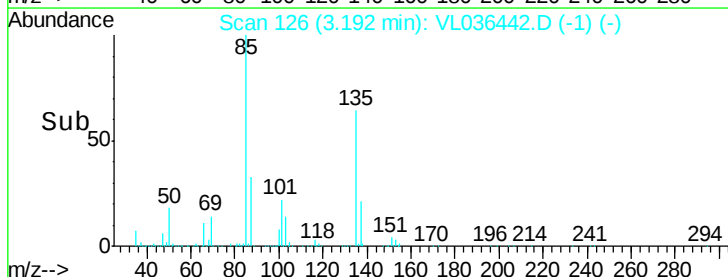
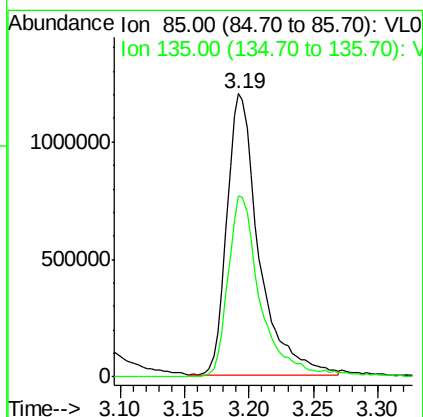
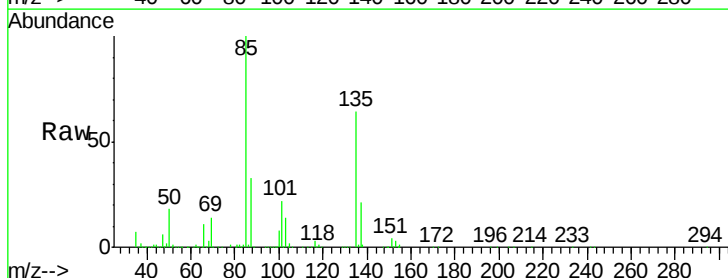
Acq: 3 Mar 2021 17:11

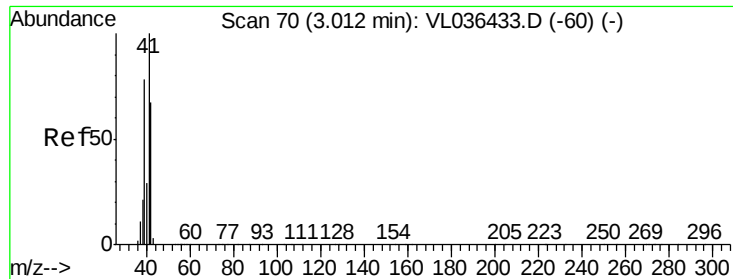
Tgt Ion: 85 Resp: 2071541

Ion Ratio Lower Upper

85 100

135 66.4 52.8 79.2





#9

Propene

Concen: 9.372 ppbv

RT: 3.02

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 3 Mar 2021 17:11

Tot Ion:

Ion Ratio

41 100

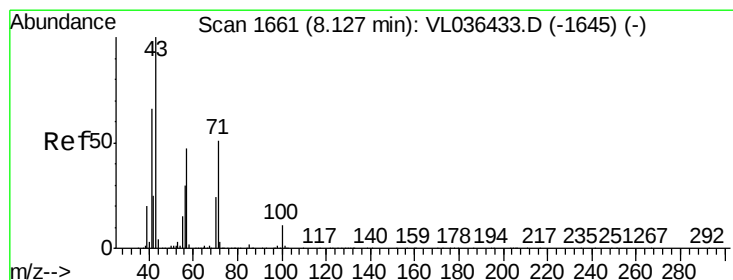
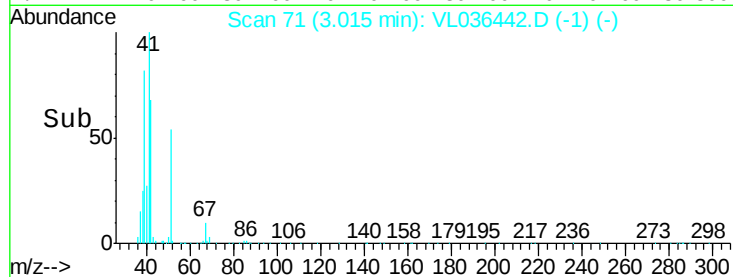
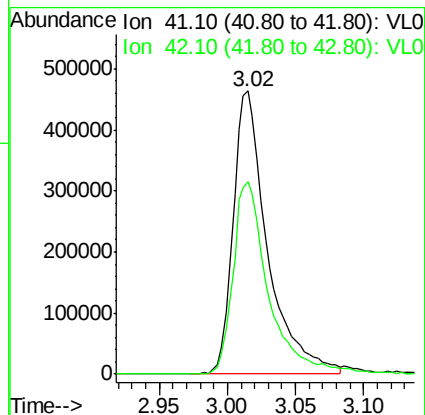
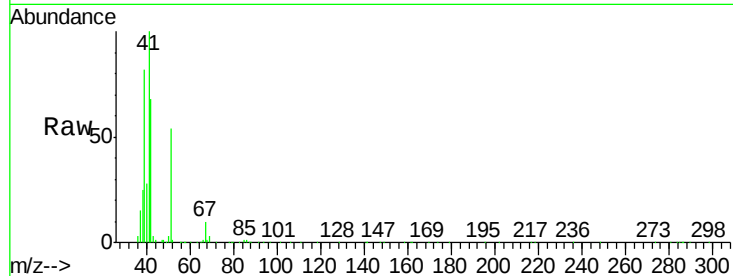
42 70.

Manual Integrations

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Supervised By :Mahesh Dadoda 03/04/2021



#10

Heptane

Concen: 9.745 ppbv

RT: 8.14 min Scan# 1664

Delta R.T. 0.01 min

Lab File: VL036442.D

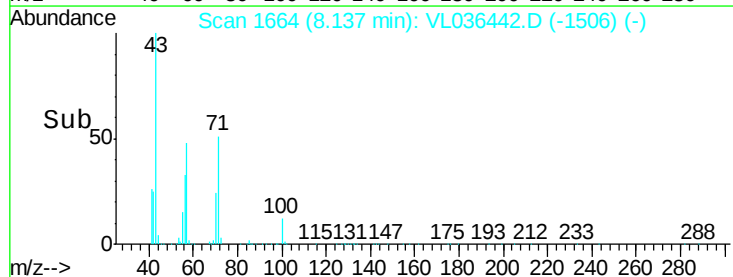
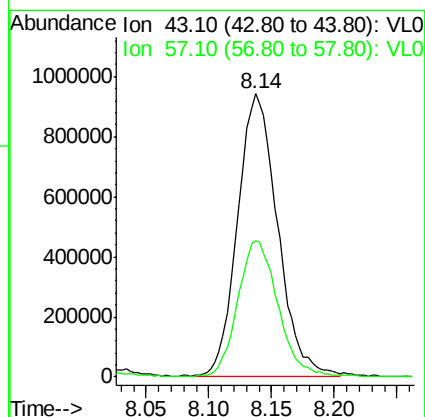
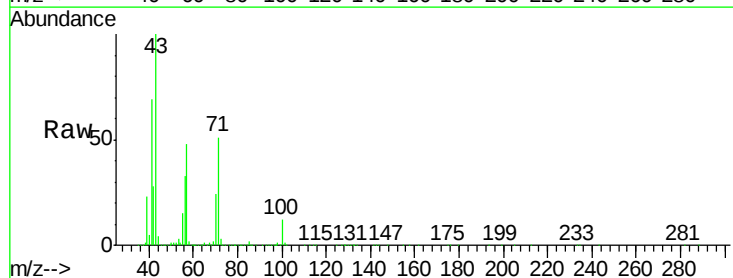
Acq: 3 Mar 2021 17:11

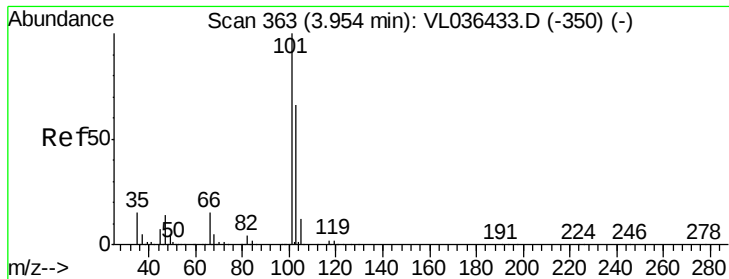
Tgt Ion: 43 Resp: 2079078

Ion Ratio Lower Upper

43 100

57 48.8 39.1 58.7



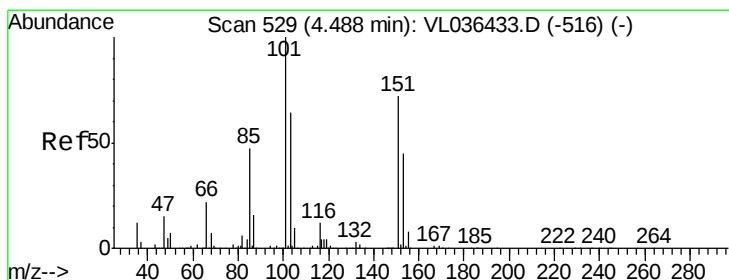
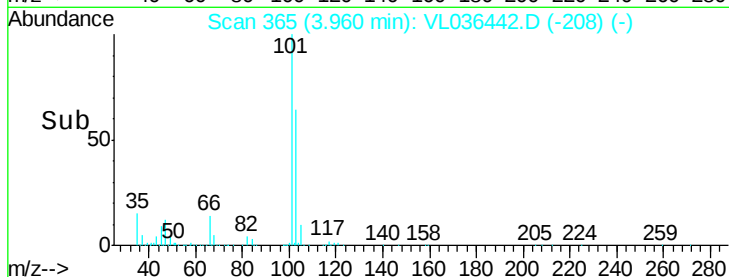
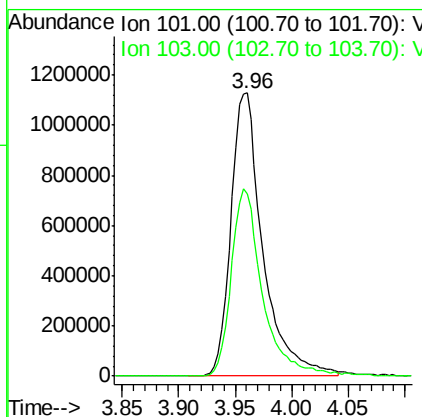
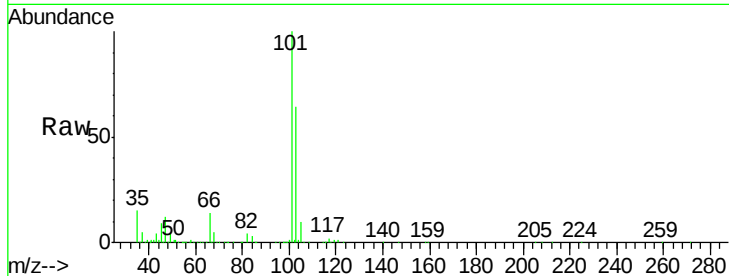


#11
 Trichlorofluoromethane
 Concen: 9.281 ppbv
 RT: 3.96
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId : VL0303ABS01
 Acq: 3 Mar 2021 17:11

Tot Ion:1
 Ion Rati
 101 100
 103 64.

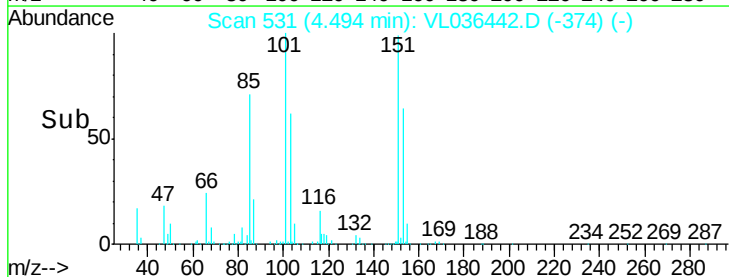
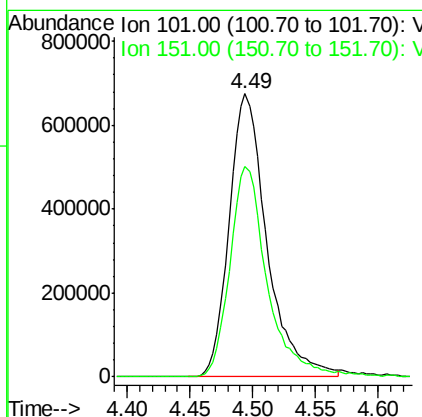
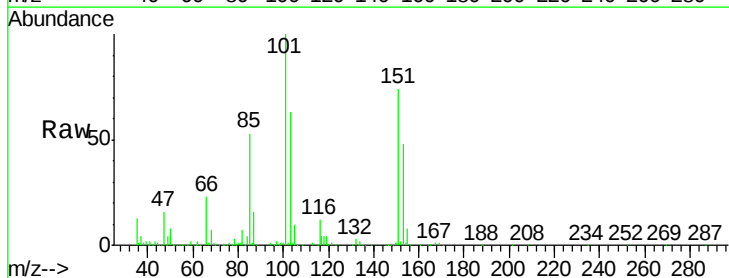
Manual Integrations
 APPROVED

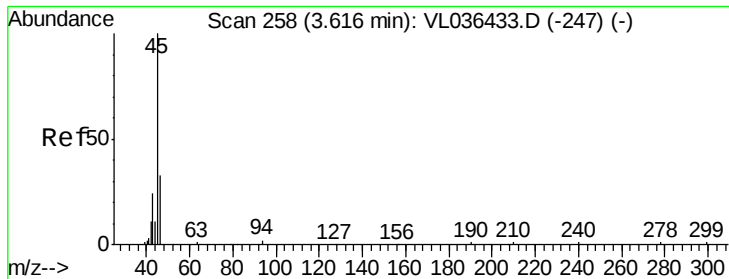
Reviewed By :Semsettin Yesilyurt 03/04/2021
 Supervised By :Mahesh Dadoda 03/04/2021



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.255 ppbv
 RT: 4.49 min Scan# 531
 Delta R.T. 0.01 min
 Lab File: VL036442.D
 Acq: 3 Mar 2021 17:11

Tgt Ion:101 Resp: 1414464
 Ion Ratio Lower Upper
 101 100
 151 74.3 59.0 88.4



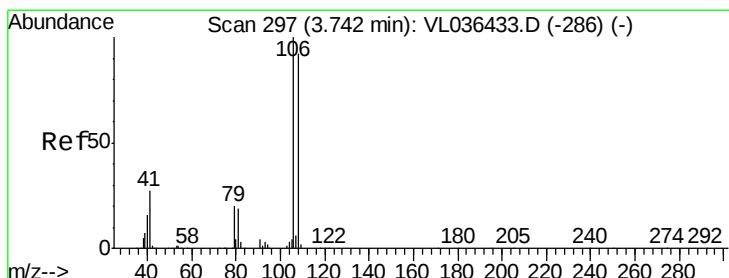
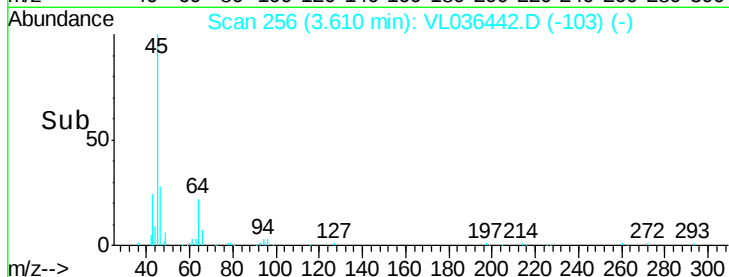
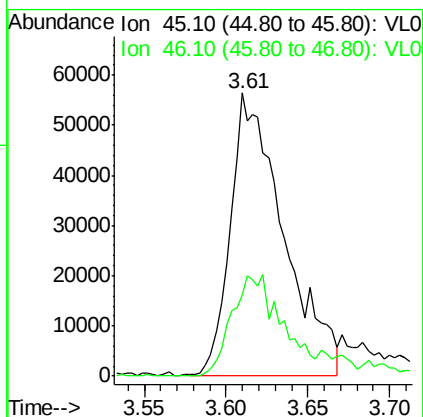
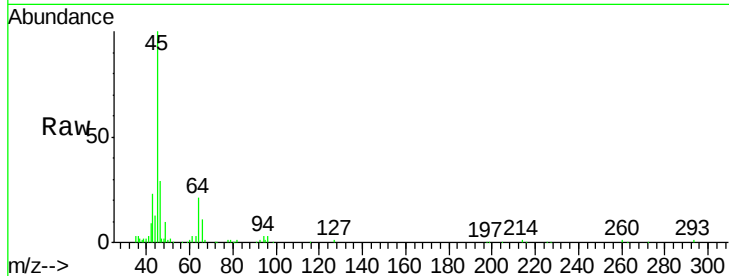


#13
Ethanol
Concen: 9.636 ppbv m
RT: 3.61
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 3 Mar 2021 17:11

Tot Ion:
Ion Ratio
45 100
46 41.

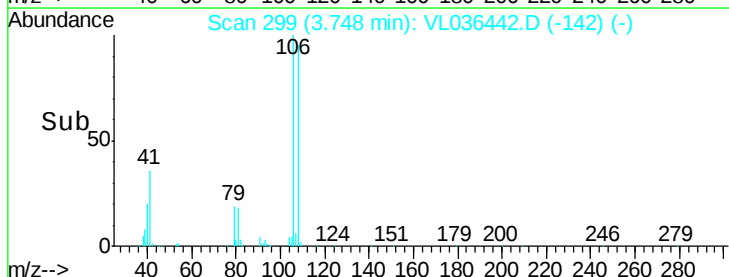
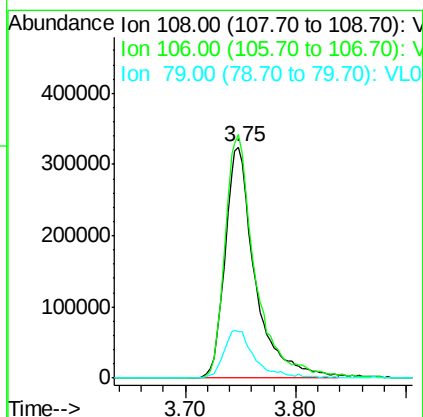
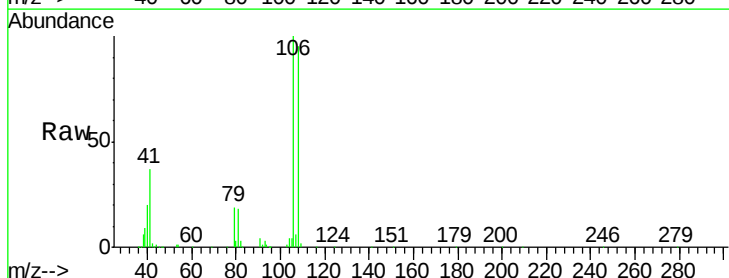
Manual Integrations
APPROVED

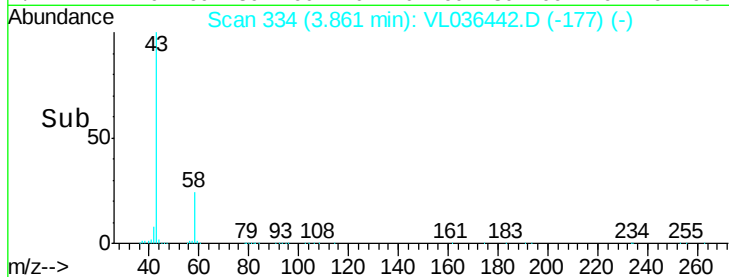
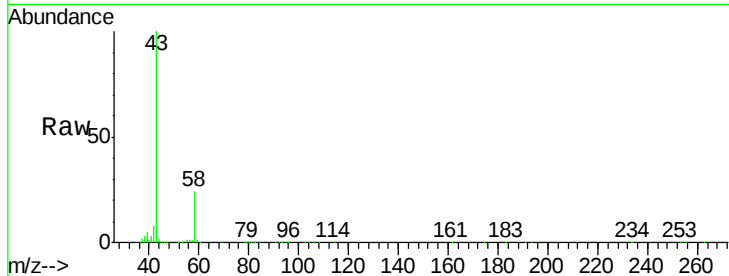
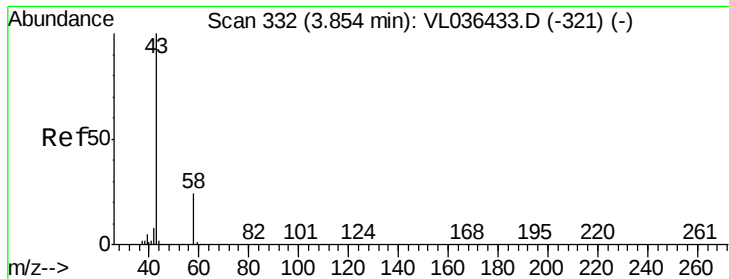
Reviewed By :Semsettin Yesilyurt 03/04/2021
Supervised By :Mahesh Dadoda 03/04/2021



#14
Bromoethene
Concen: 9.658 ppbv
RT: 3.75 min Scan# 299
Delta R.T. 0.01 min
Lab File: VL036442.D
Acq: 3 Mar 2021 17:11

Tgt Ion:108 Resp: 612818
Ion Ratio Lower Upper
108 100
106 107.2 87.0 130.4
79 21.6 17.1 25.7



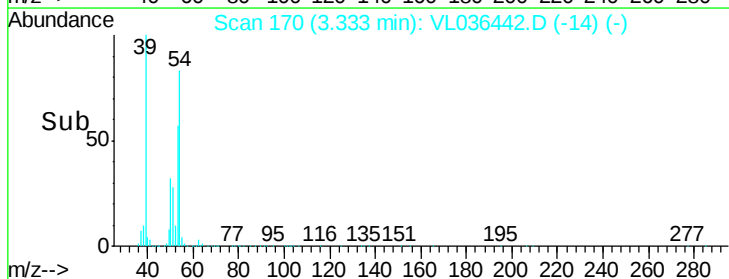
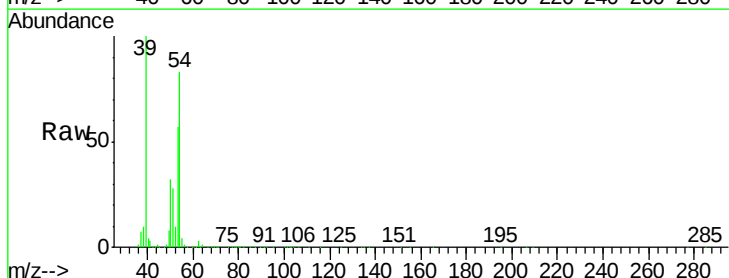
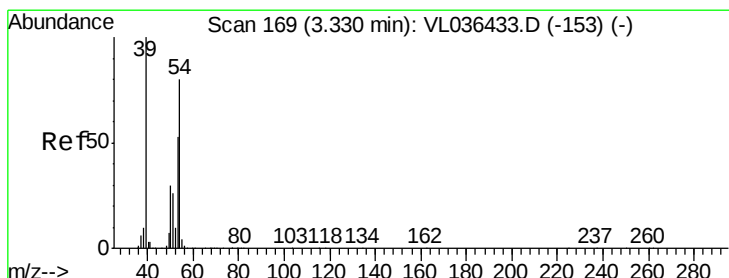
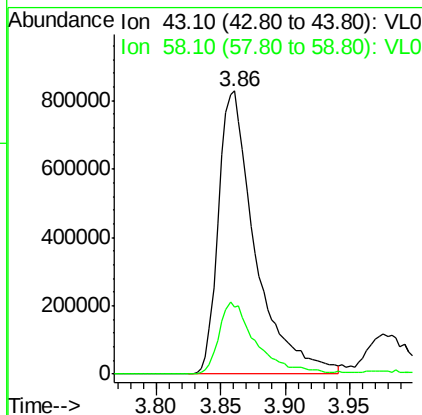


#15
Acetone
Concen: 8.555 ppbv
RT: 3.86
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 3 Mar 2021 17:11

Tot Ion:
Ion Ratio
43 100
58 25.

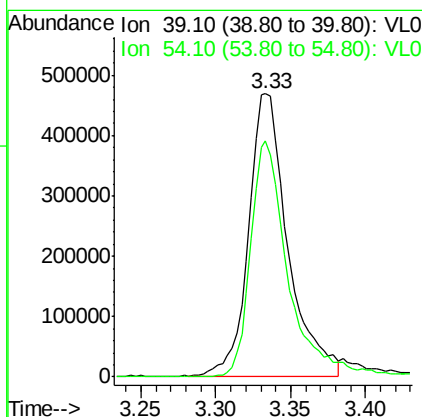
Manual Integrations
APPROVED

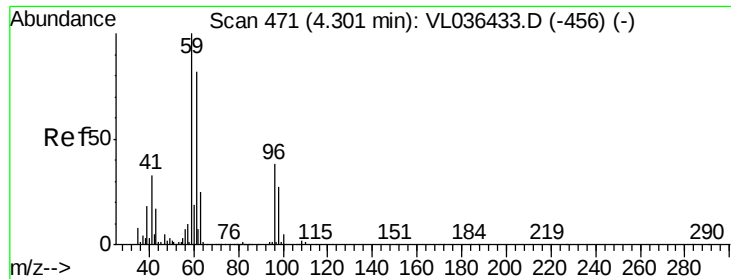
Reviewed By :Semsettin Yesilyurt 03/04/2021
Supervised By :Mahesh Dadoda 03/04/2021



#16
1,3-Butadiene
Concen: 9.261 ppbv
RT: 3.33 min Scan# 170
Delta R.T. 0.00 min
Lab File: VL036442.D
Acq: 3 Mar 2021 17:11

Tgt Ion: 39 Resp: 857050
Ion Ratio Lower Upper
39 100
54 81.1 64.5 96.7





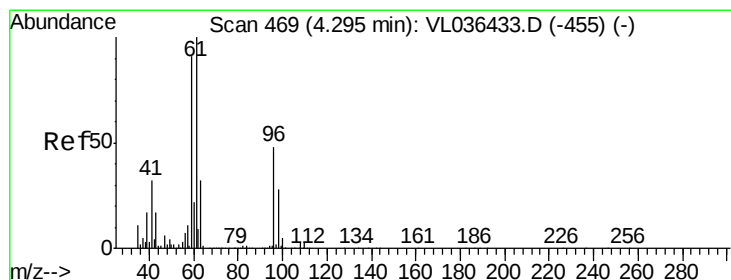
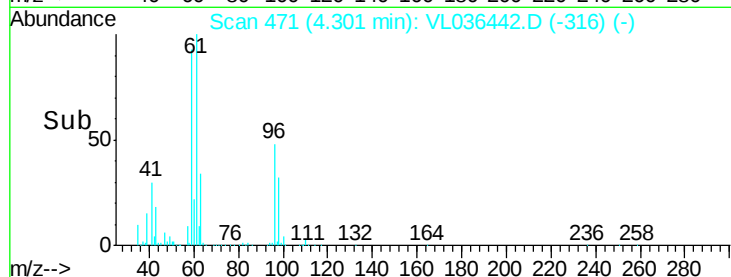
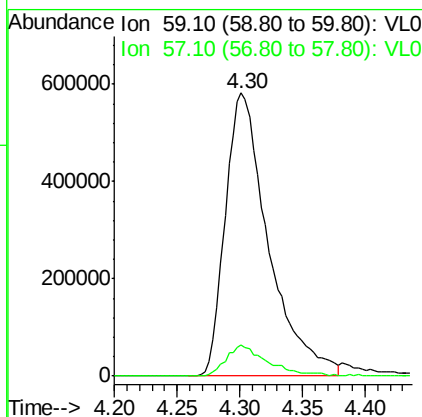
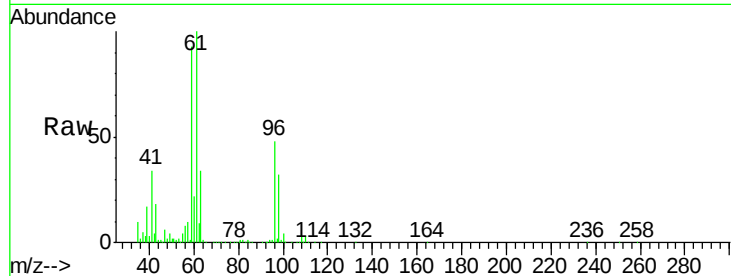
#17

tert-Butyl alcohol
Concen: 9.144 ppbv
RT: 4.30
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 3 Mar 2021 17:11

Tot Ion:
Ion Ratio
59 100
57 11.

Manual Integrations
APPROVED

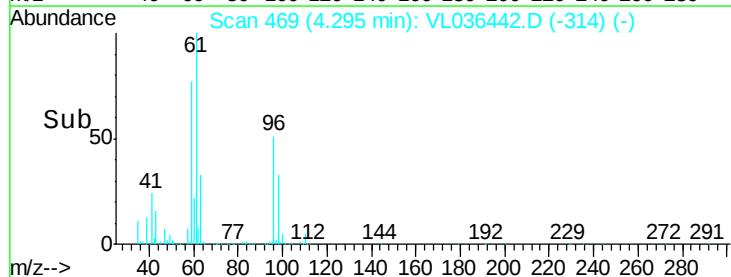
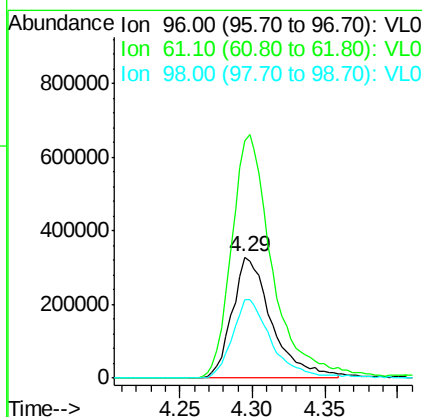
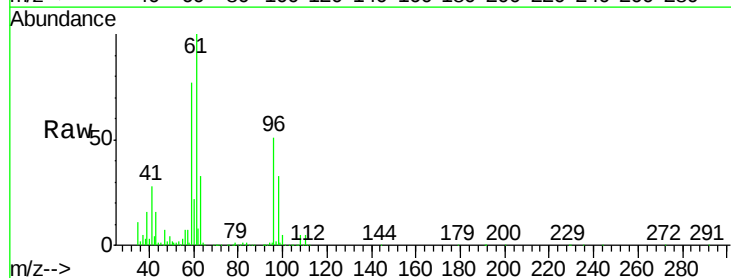
Reviewed By :Semsettin Yesilyurt 03/04/2021
Supervised By :Mahesh Dadoda 03/04/2021

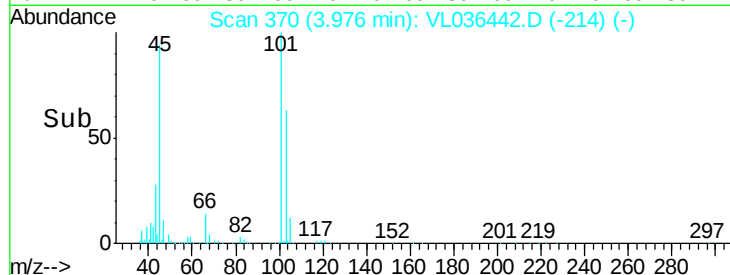
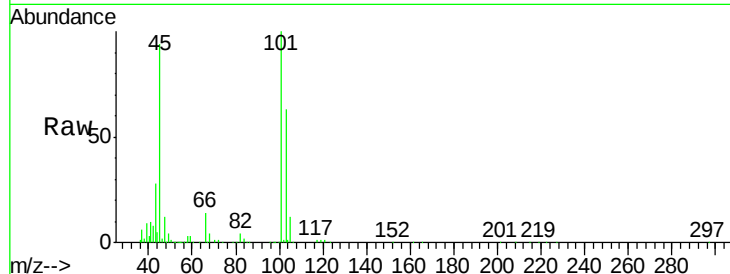
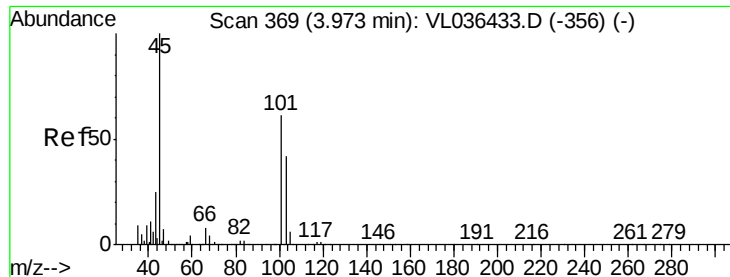


#18

1,1-Dichloroethene
Concen: 9.166 ppbv
RT: 4.29 min Scan# 469
Delta R.T. -0.00 min
Lab File: VL036442.D
Acq: 3 Mar 2021 17:11

Tgt Ion: 96 Resp: 622970
Ion Ratio Lower Upper
96 100
61 196.3 168.2 252.2
98 64.8 47.8 71.6



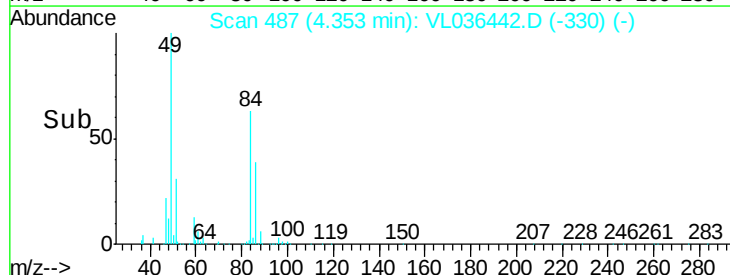
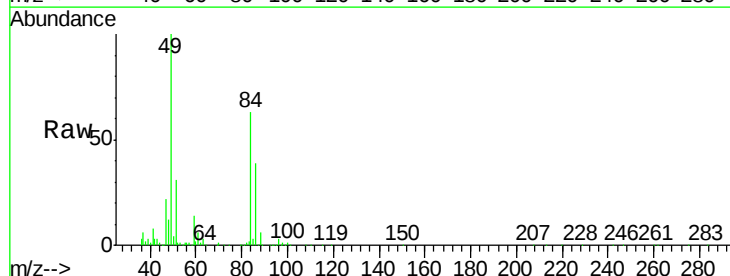
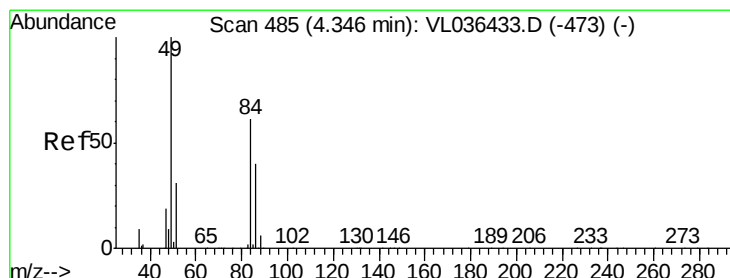
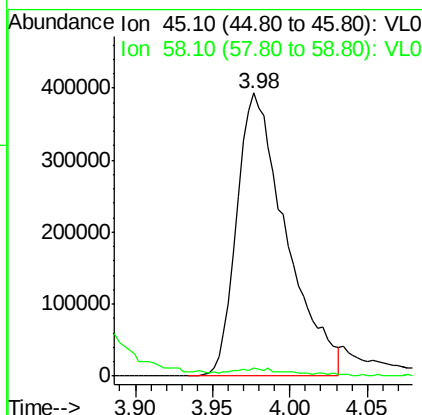


#19
Isopropyl Alcohol
Concen: 8.076 ppbv
RT: 3.98
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL0303ABS01
Acq: 3 Mar 2021 17:11

Tot Ion:
Ion Ratio
45 100
58 3.

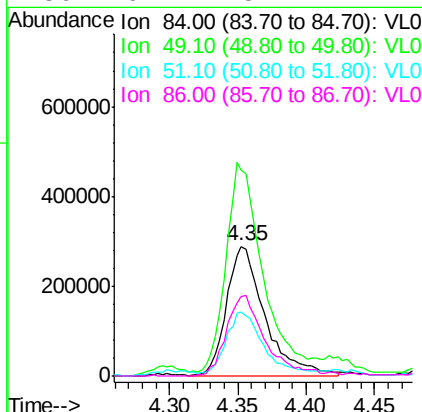
Manual Integrations
APPROVED

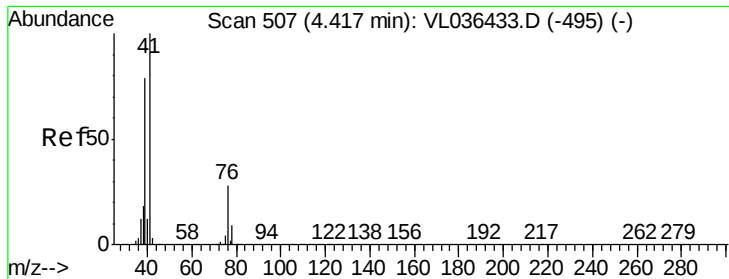
Reviewed By :Semsettin Yesilyurt 03/04/2021
Supervised By :Mahesh Dadoda 03/04/2021



#20
Methylene Chloride
Concen: 8.644 ppbv
RT: 4.35 min Scan# 487
Delta R.T. 0.01 min
Lab File: VL036442.D
Acq: 3 Mar 2021 17:11

Tgt Ion: 84 Resp: 559045
Ion Ratio Lower Upper
84 100
49 155.9 130.2 195.2
51 46.4 40.5 60.7
86 61.1 51.4 77.2





#21

Allvl Chloride

Concen: 9.314 ppbv

RT: 4.42 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 3 Mar 2021 17:11 VL0303ABS01

Tot Ion:

Ion Ratio

41 100

76 28.

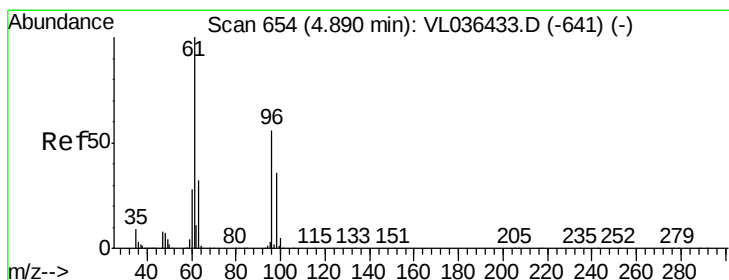
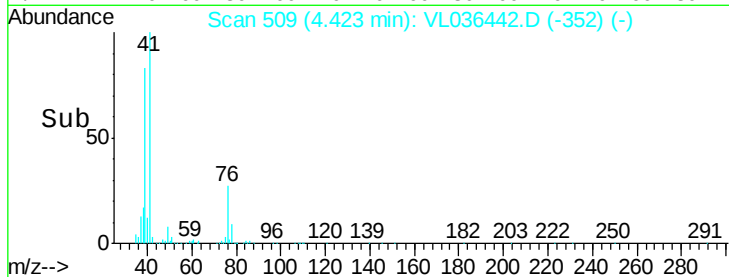
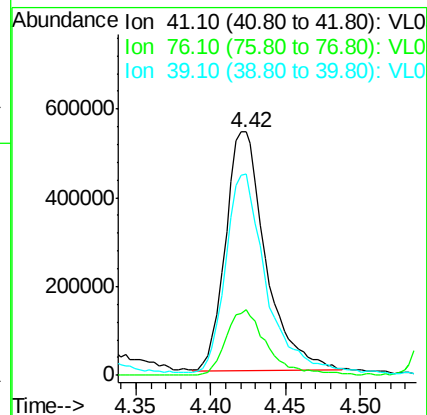
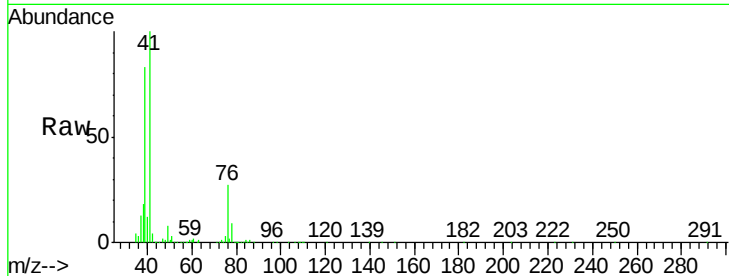
39 84.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/04/2021

Supervised By :Mahesh Dadoda 03/04/2021



#22

trans-1,2-Dichloroethene

Concen: 9.046 ppbv

RT: 4.90 min Scan# 656

Delta R.T. 0.01 min

Lab File: VL036442.D

Acq: 3 Mar 2021 17:11

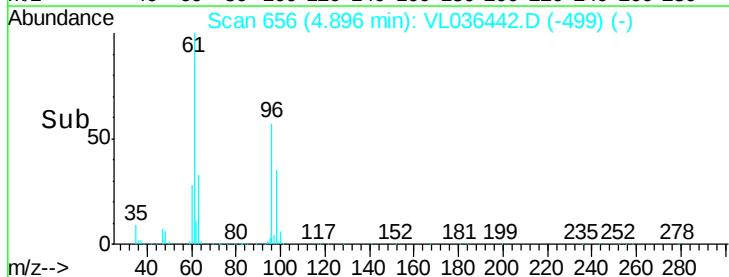
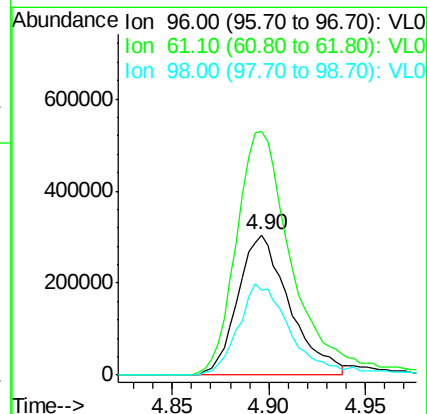
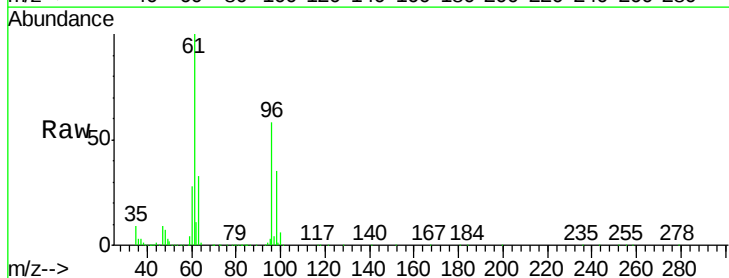
Tgt Ion: 96 Resp: 556716

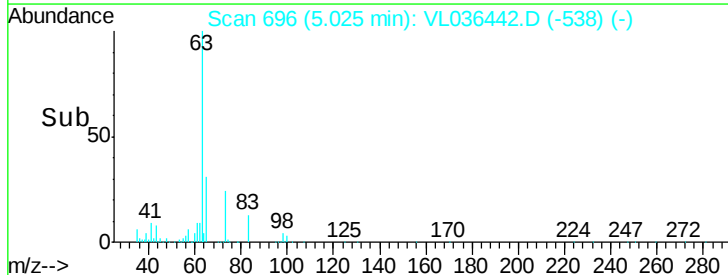
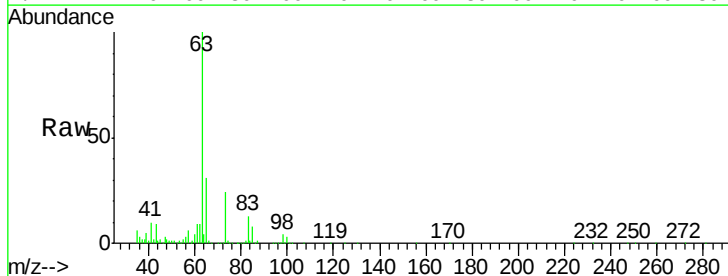
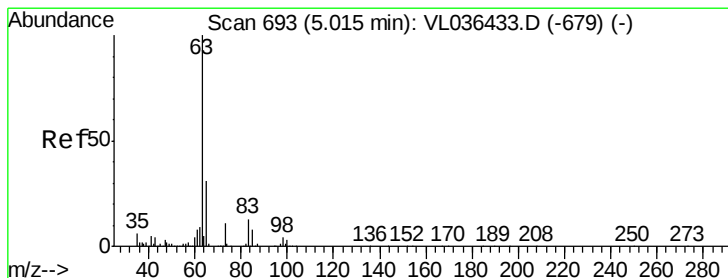
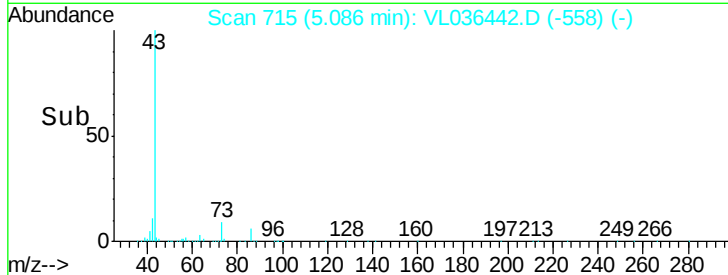
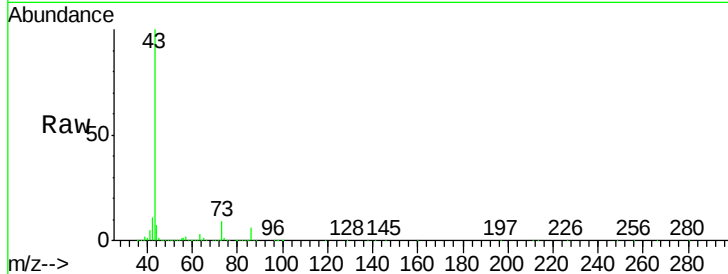
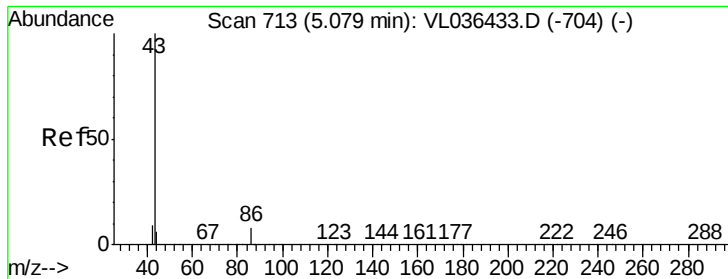
Ion Ratio Lower Upper

96 100

61 173.8 142.1 213.1

98 60.4 50.6 75.8





#23

Vinyl Acetate

Concen: 9.759 ppbv

RT: 5.09 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 3 Mar 2021 17:11 VL0303ABS01

Tot Ion:

Ion Ratio

43 100

86 6.

42 11.

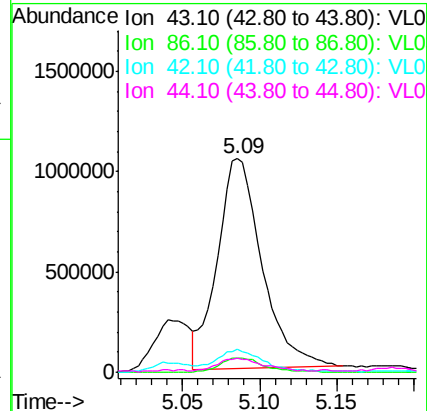
44 6.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/04/2021

Supervised By :Mahesh Dadoda 03/04/2021



#24

1,1-Dichloroethane

Concen: 9.681 ppbv

RT: 5.02 min Scan# 696

Delta R.T. 0.01 min

Lab File: VL036442.D

Acq: 3 Mar 2021 17:11

Tgt Ion: 63 Resp: 1659272

Ion Ratio Lower Upper

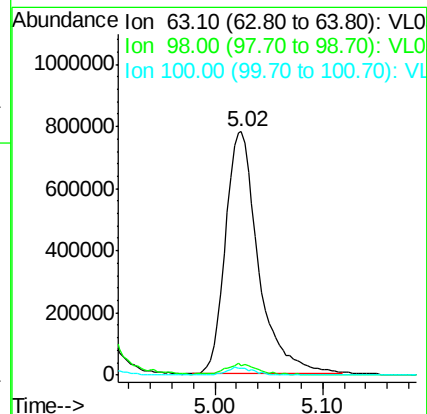
63 100

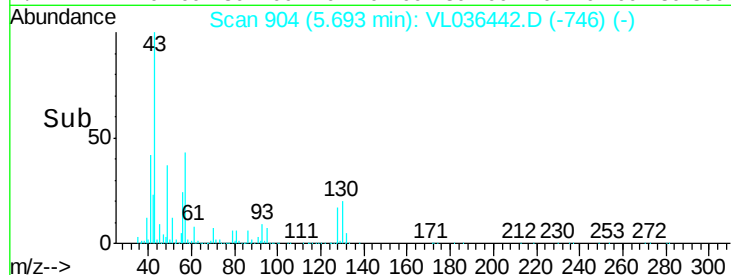
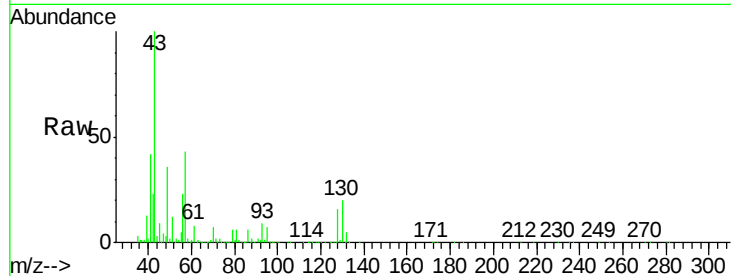
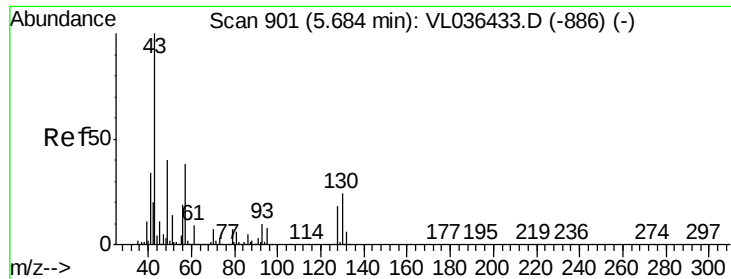
98 3.9

100 2.7

2.0 5.8

1.3 3.8



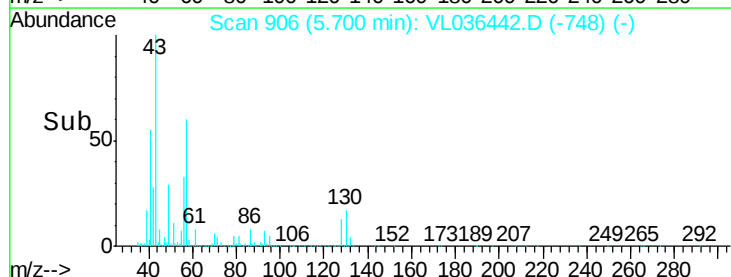
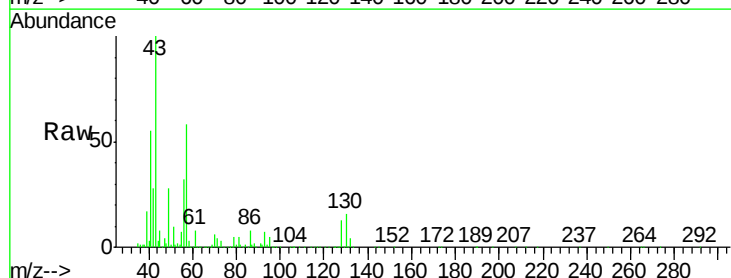
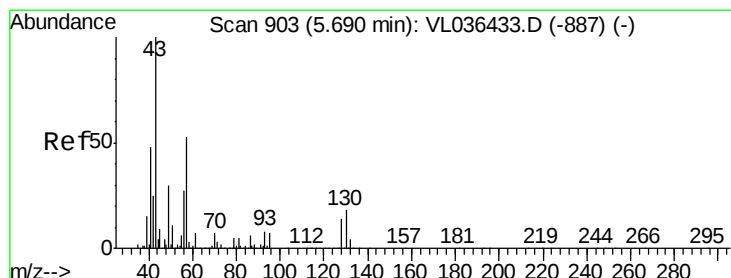
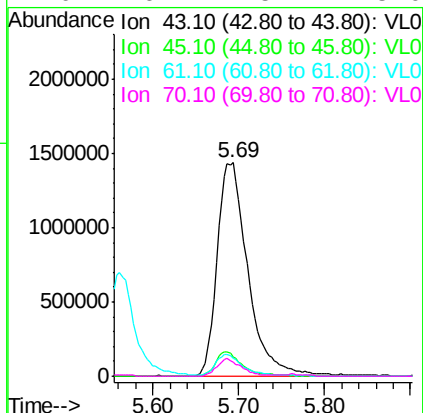


#25
Ethyl Acetate
Concen: 9.587 ppbv
RT: 5.69
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL0303ABS01
Acq: 3 Mar 2021 17:11

Tot Ion:
Ion Ratio
43 100
45 10.
61 9.
70 6.7 5.4 8.0

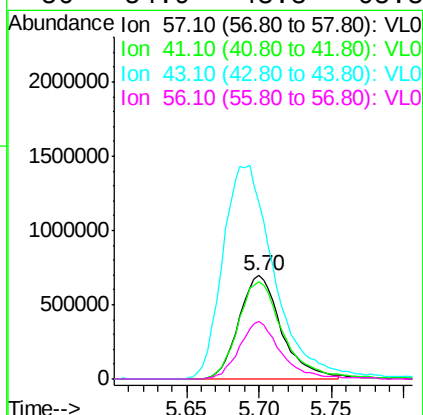
Manual Integrations
APPROVED

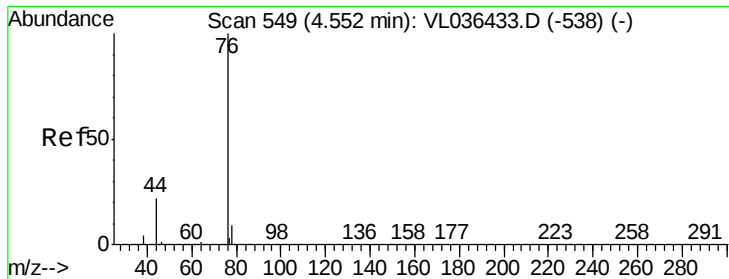
Reviewed By :Semsettin Yesilyurt 03/04/2021
Supervised By :Mahesh Dadoda 03/04/2021



#26
Hexane
Concen: 9.323 ppbv
RT: 5.70 min Scan# 906
Delta R.T. 0.01 min
Lab File: VL036442.D
Acq: 3 Mar 2021 17:11

Tgt Ion: 57 Resp: 1423156
Ion Ratio Lower Upper
57 100
41 101.0 80.4 120.6
43 252.1 199.8 299.6
56 54.9 43.8 65.8





#27

Carbon Disulfide

Concen: 10.417 ppbv

RT: 4.56 Instrument: MSVOA_1

Delta R.T. 0.00 min

Lab File: VL0303ABS01

Acq: 3 Mar 2021 17:11

Tot Ion:

Ion Ratio

76 100

44 22.

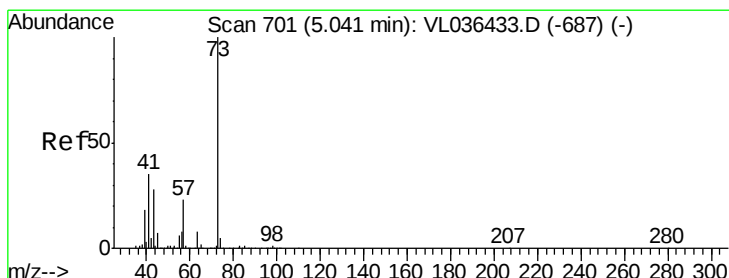
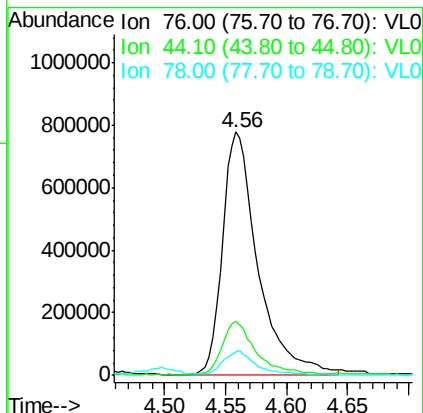
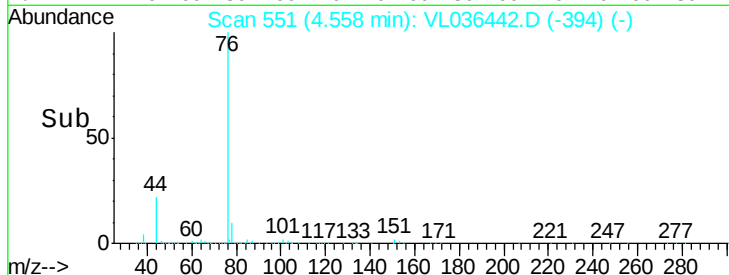
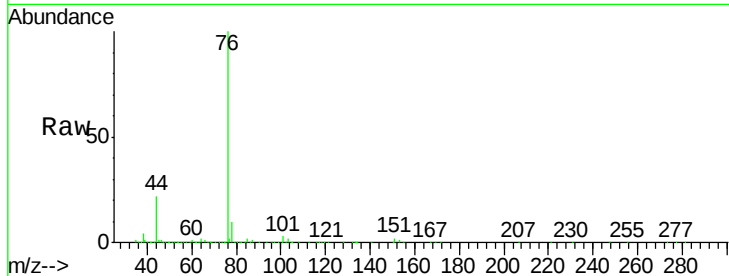
78 10.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/04/2021

Supervised By :Mahesh Dadoda 03/04/2021



#28

Methyl tert-Butyl Ether

Concen: 9.866 ppbv

RT: 5.04 min Scan# 702

Delta R.T. 0.00 min

Lab File: VL036442.D

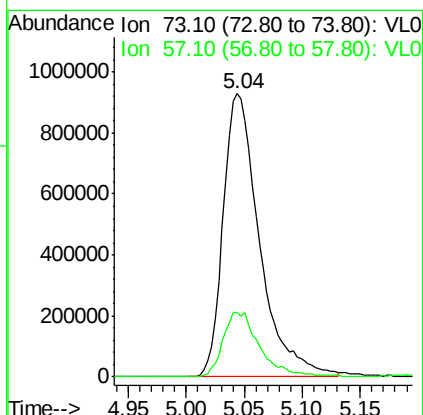
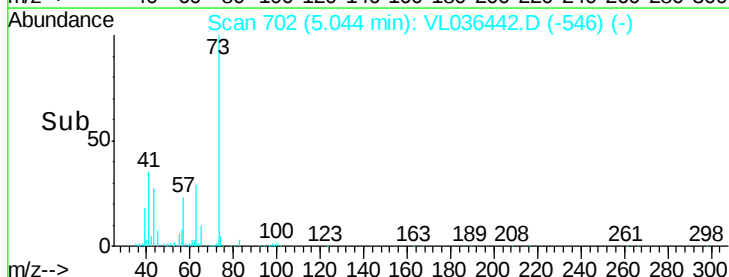
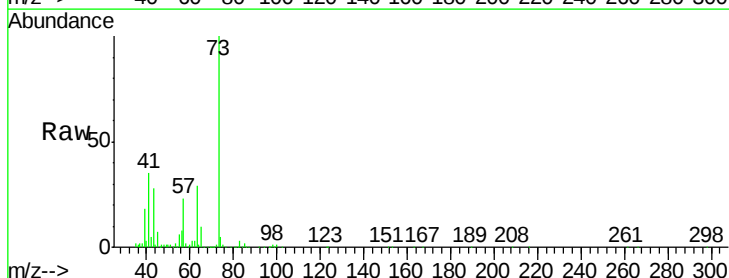
Acq: 3 Mar 2021 17:11

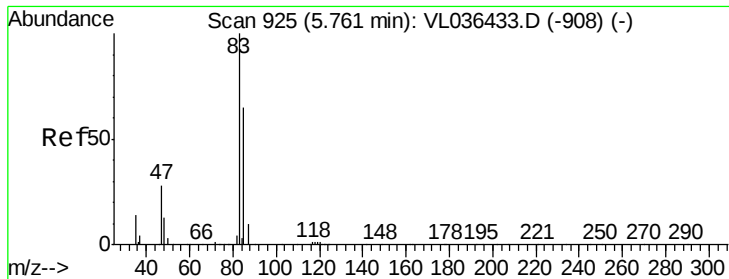
Tgt Ion: 73 Resp: 2018202

Ion Ratio Lower Upper

73 100

57 23.4 19.0 28.6



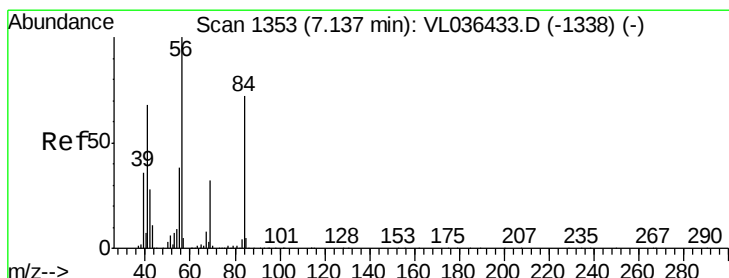
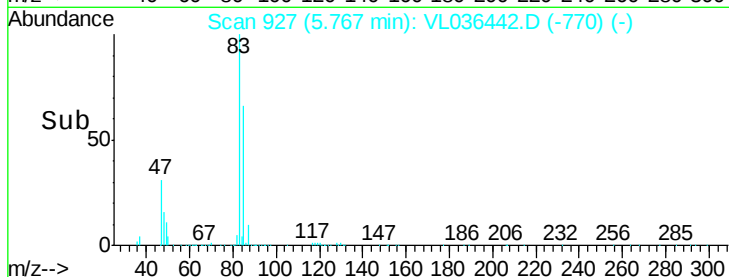
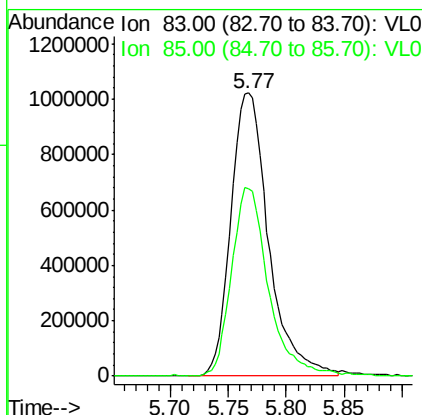
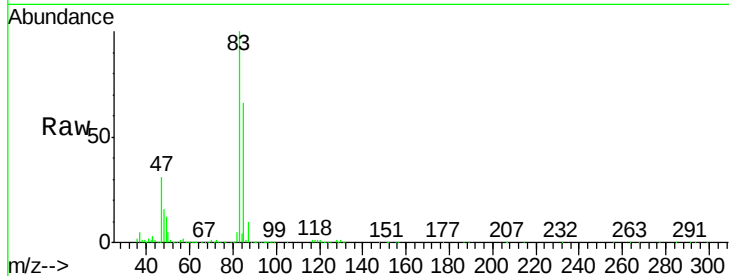


#29
Chloroform
Concen: 9.225 ppbv
RT: 5.77
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 3 Mar 2021 17:11

Tot Ion:
Ion Ratio
83 100
85 66.

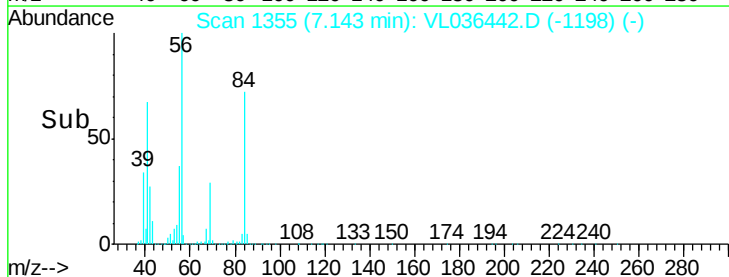
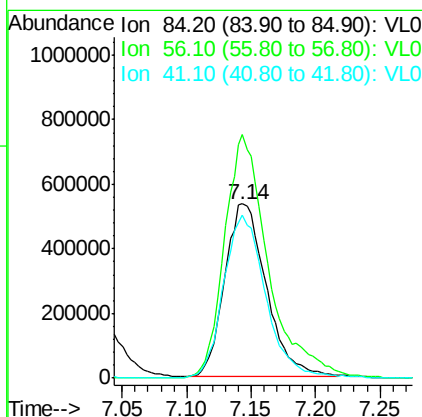
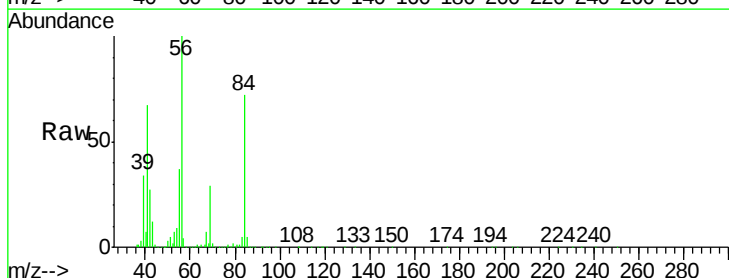
Manual Integrations
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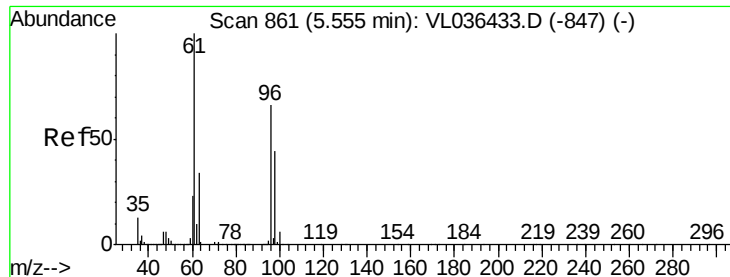
Reviewed By :Semsettin Yesilyurt 03/04/2021
Supervised By :Mahesh Dadoda 03/04/2021



#30
Cyclohexane
Concen: 9.523 ppbv
RT: 7.14 min Scan# 1355
Delta R.T. 0.01 min
Lab File: VL036442.D
Acq: 3 Mar 2021 17:11

Tgt Ion: 84 Resp: 1201082
Ion Ratio Lower Upper
84 100
56 148.9 117.6 176.4
41 95.7 75.9 113.9





#31

cis-1,2-Dichloroethene

Concen: 9.835 ppbv

RT: 5.56 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 3 Mar 2021 17:11 VL0303ABS01

Tot Ion:

Ion Ratio

61 100

96 60.

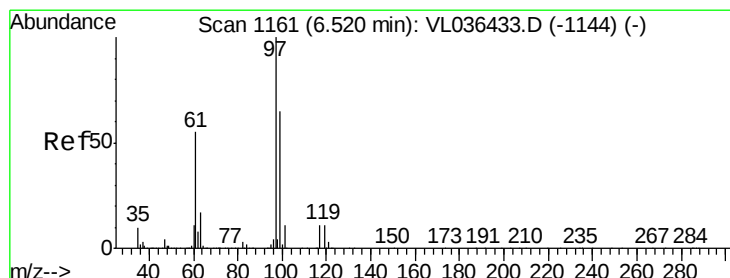
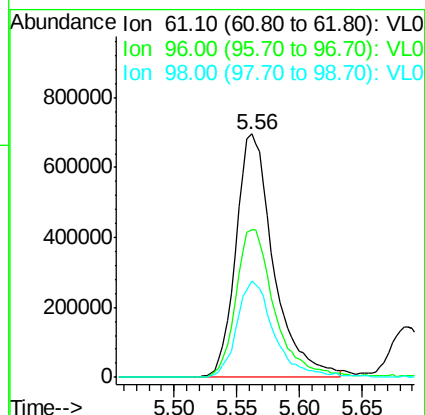
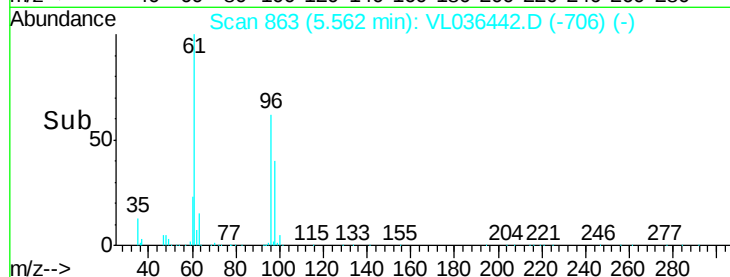
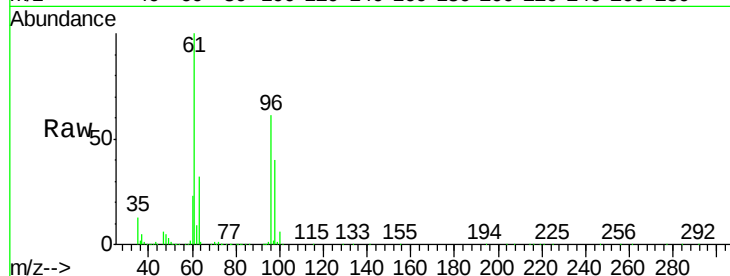
98 39.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/04/2021

Supervised By :Mahesh Dadoda 03/04/2021



#32

1,1,1-Trichloroethane

Concen: 8.958 ppbv

RT: 6.53 min Scan# 1163

Delta R.T. 0.01 min

Lab File: VL036442.D

Acq: 3 Mar 2021 17:11

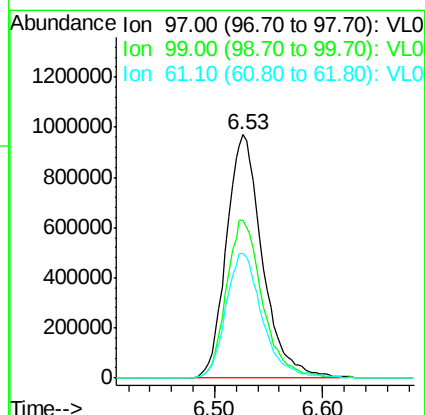
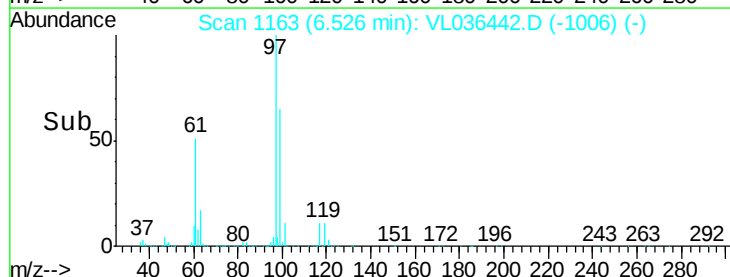
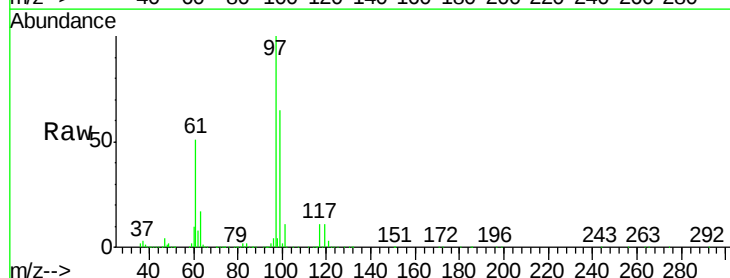
Tgt Ion: 97 Resp: 2247906

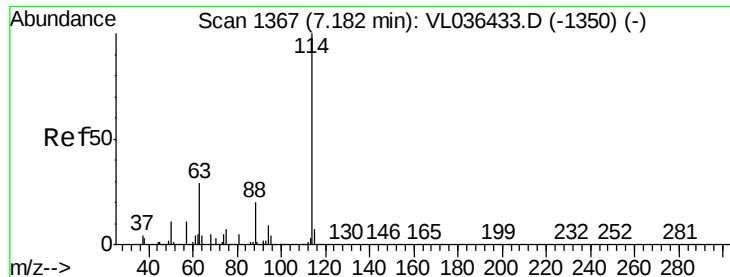
Ion Ratio Lower Upper

97 100

99 65.5 52.1 78.1

61 52.4 42.2 63.4



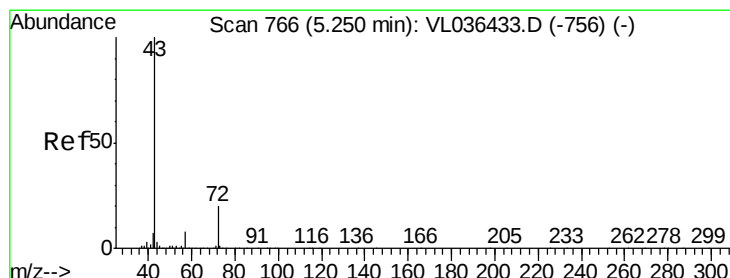
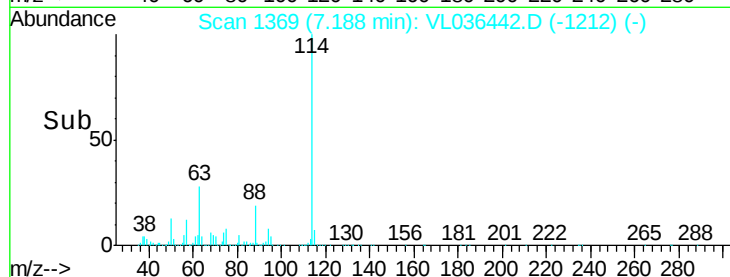
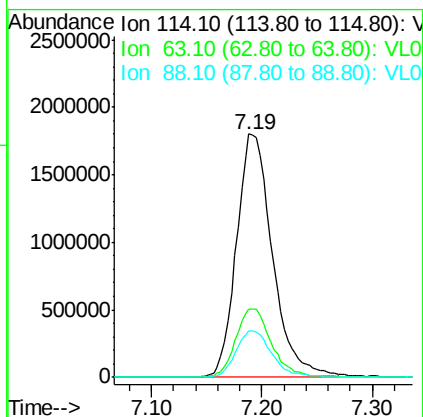
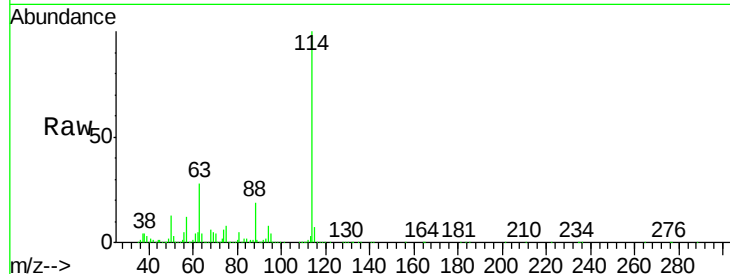


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL0303ABS01
 Acq: 3 Mar 2021 17:11

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

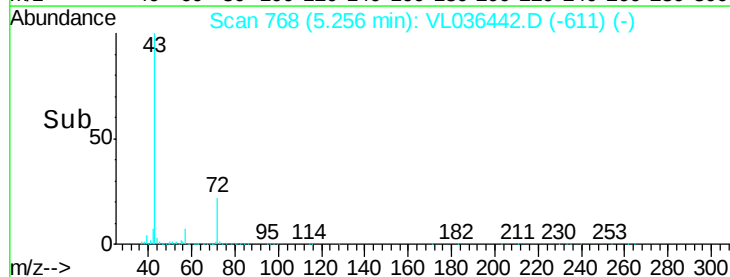
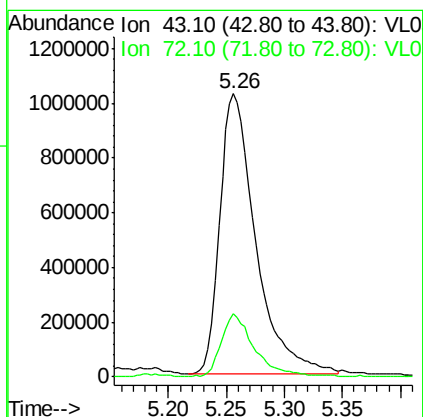
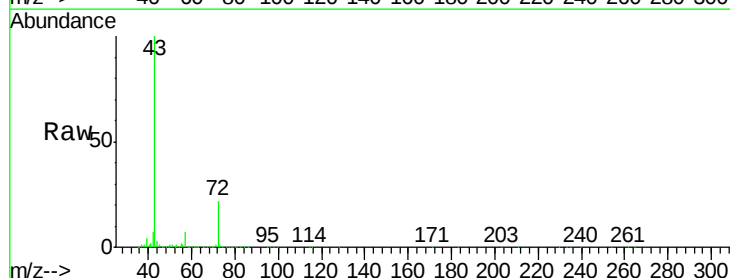
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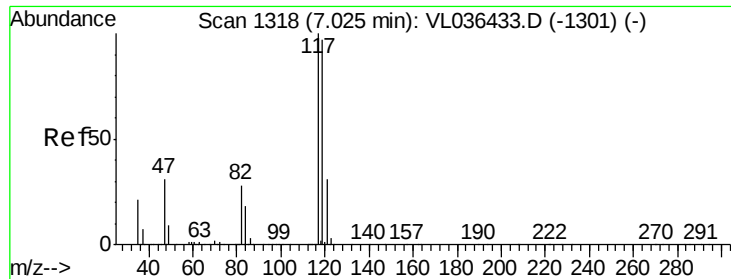
Reviewed By : Semsettin Yesilyurt 03/04/2021
 Supervised By : Mahesh Dadoda 03/04/2021



#34
 2-Butanone
 Concen: 9.057 ppbv
 RT: 5.26 min Scan# 768
 Delta R.T.: 0.01 min
 Lab File: VL036442.D
 Acq: 3 Mar 2021 17:11

Tgt Ion: 43 Resp: 2225180
 Ion Ratio Lower Upper
 43 100
 72 21.0 16.7 25.1



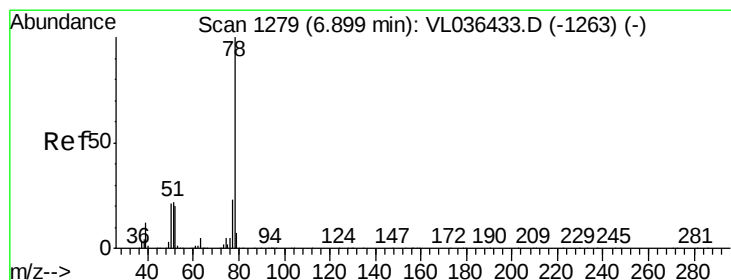
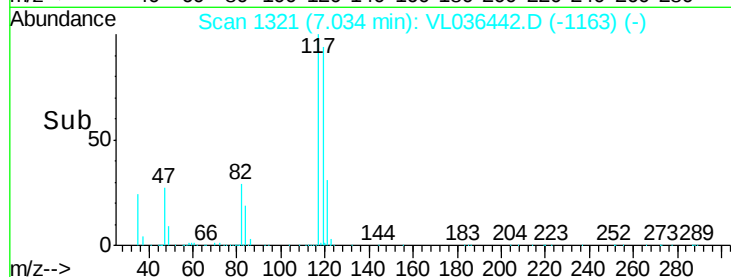
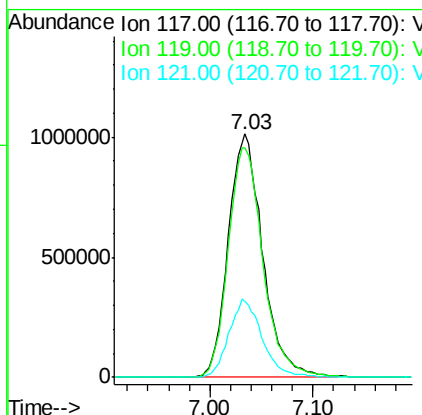
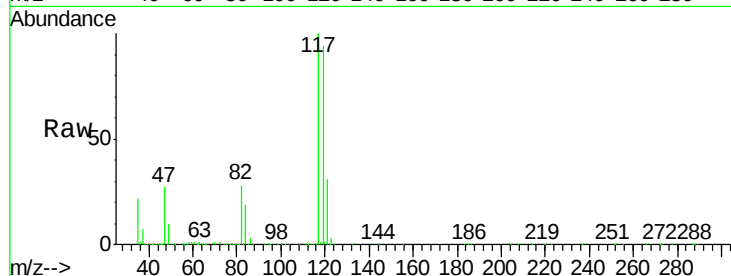


#35
Carbon Tetrachloride
Concen: 8.923 ppbv
RT: 7.03
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL0303ABS01
Acq: 3 Mar 2021 17:11

Tot Ion:1
Ion Rati
117 100
119 94.
121 30.

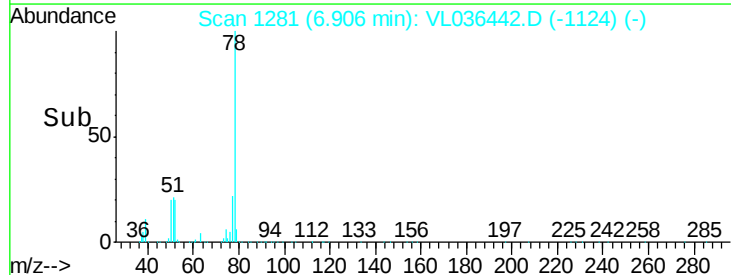
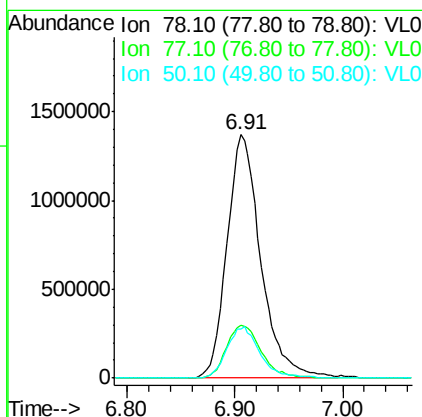
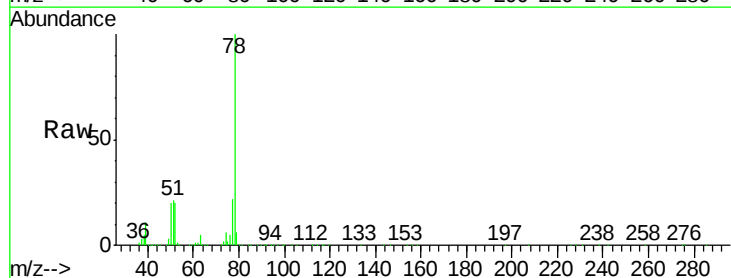
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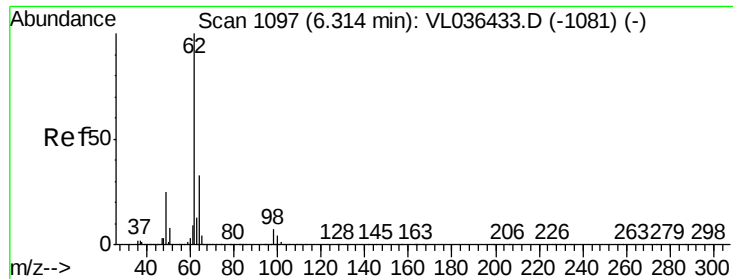
Reviewed By :Semsettin Yesilyurt 03/04/2021
Supervised By :Mahesh Dadoda 03/04/2021



#36
Benzene
Concen: 9.428 ppbv
RT: 6.91 min Scan# 1281
Delta R.T. 0.01 min
Lab File: VL036442.D
Acq: 3 Mar 2021 17:11

Tgt Ion: 78 Resp: 2981662
Ion Ratio Lower Upper
78 100
77 21.8 18.1 27.1
50 20.0 16.8 25.2





#37

1,2-Dichloroethane

Concen: 8.863 ppbv

RT: 6.32

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 3 Mar 2021 17:11

Tot Ion:

Ion Ratio

62 100

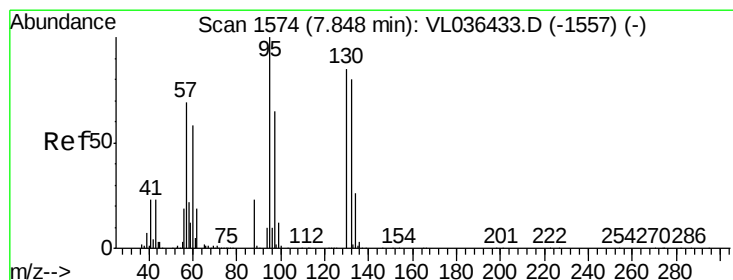
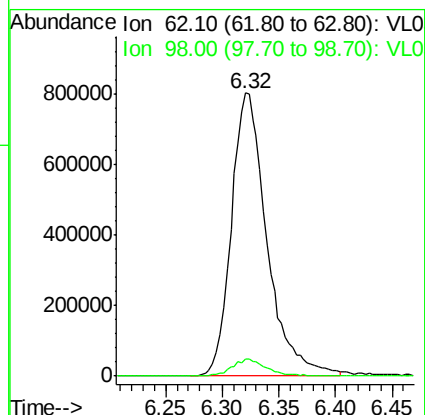
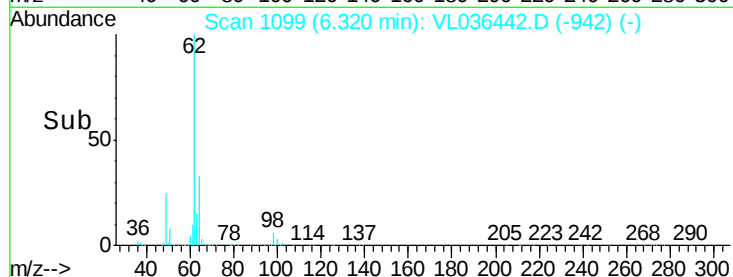
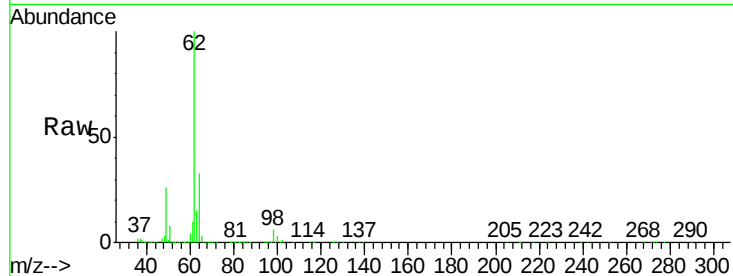
98 5.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/04/2021

Supervised By :Mahesh Dadoda 03/04/2021



#38

Trichloroethene

Concen: 8.961 ppbv

RT: 7.85 min Scan# 1575

Delta R.T. 0.00 min

Lab File: VL036442.D

Acq: 3 Mar 2021 17:11

Tgt Ion:130 Resp: 1071025

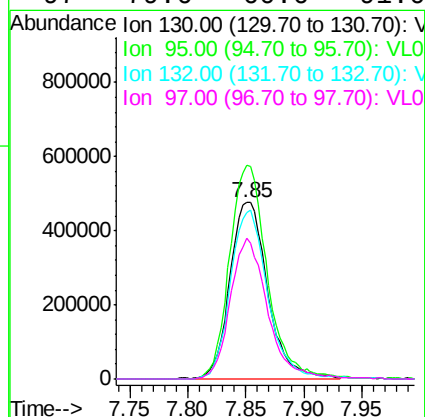
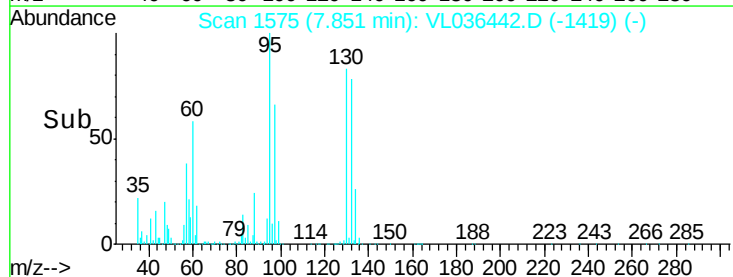
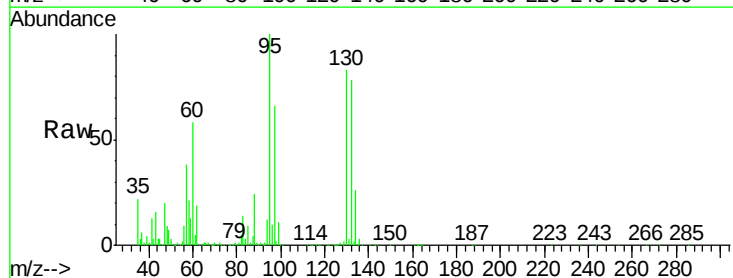
Ion Ratio Lower Upper

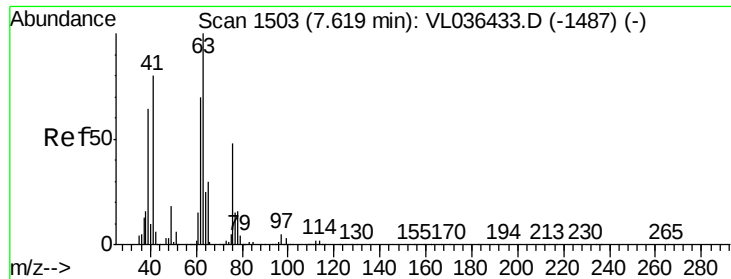
130 100

95 121.1 93.8 140.8

132 94.3 74.6 112.0

97 79.6 60.6 91.0



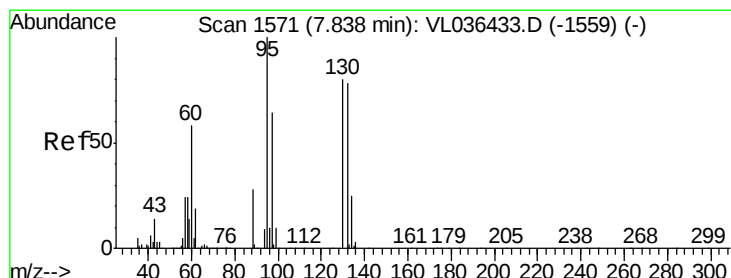
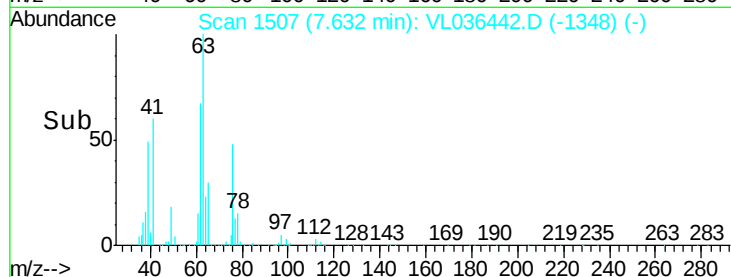
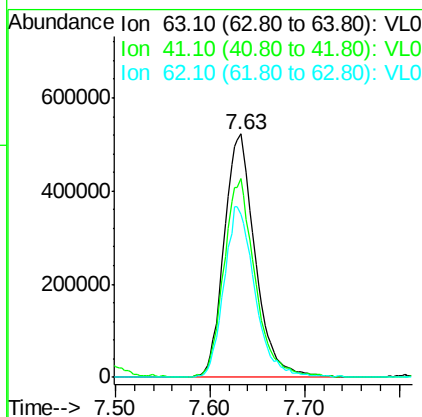
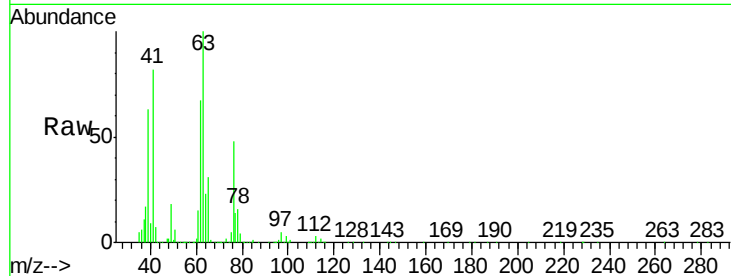


#39
 1,2-Dichloropropane
 Concen: 8.869 ppbv
 RT: 7.63
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 3 Mar 2021 17:11

Tot Ion:
 Ion Ratio
 63 100
 41 81.
 62 66.

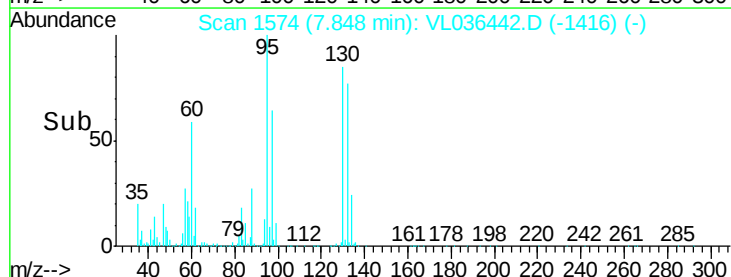
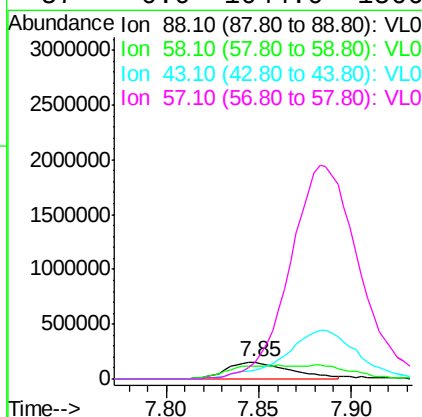
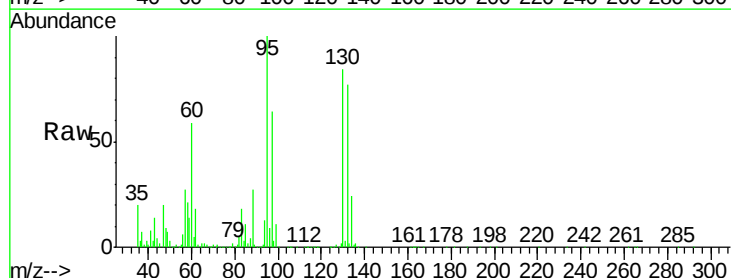
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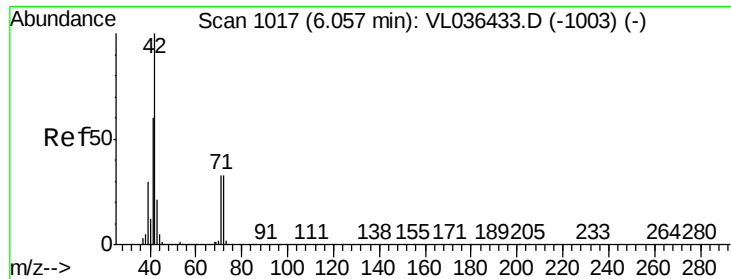
Reviewed By :Semsettin Yesilyurt 03/04/2021
 Supervised By :Mahesh Dadoda 03/04/2021



#40
 1,4-Dioxane
 Concen: 8.099 ppbv
 RT: 7.85 min Scan# 1574
 Delta R.T. 0.01 min
 Lab File: VL036442.D
 Acq: 3 Mar 2021 17:11

Tgt Ion: 88 Resp: 357539
 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#



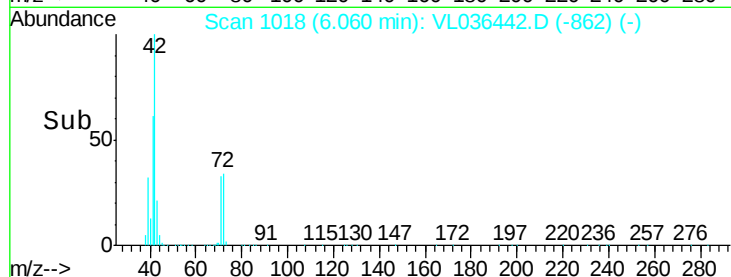
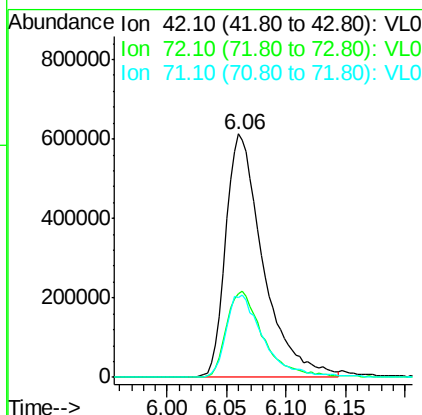
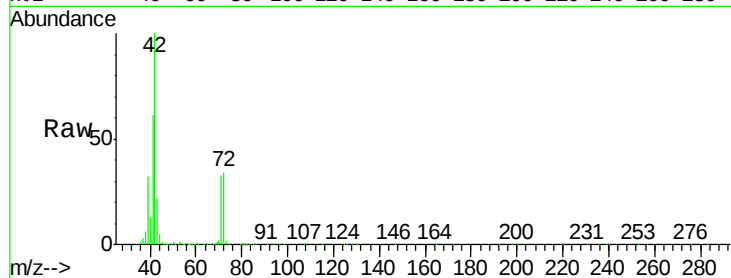


#41
Tetrahydrofuran
Concen: 9.733 ppbv
RT: 6.06
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 3 Mar 2021 17:11

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

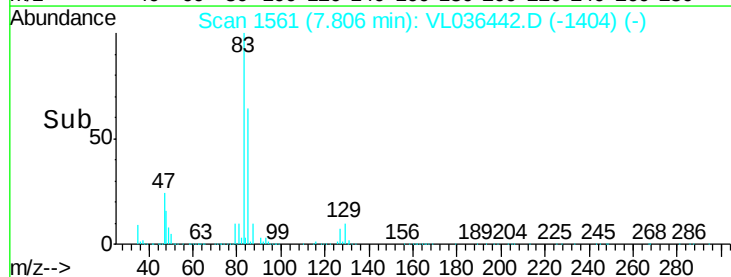
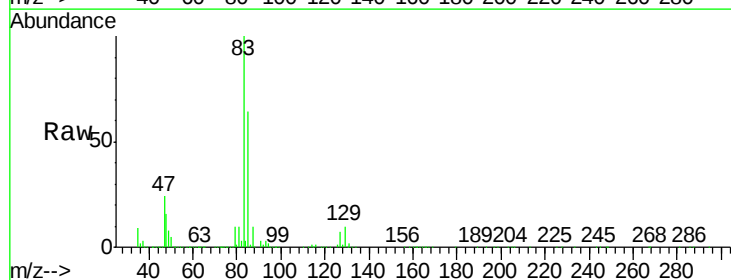
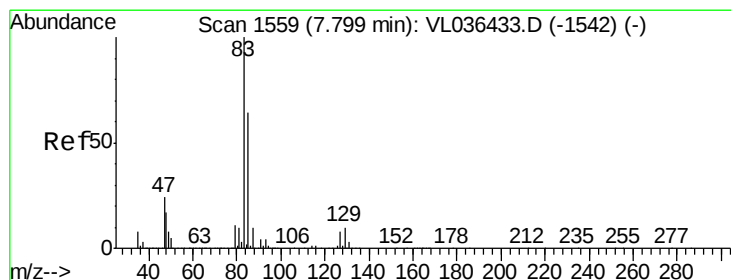
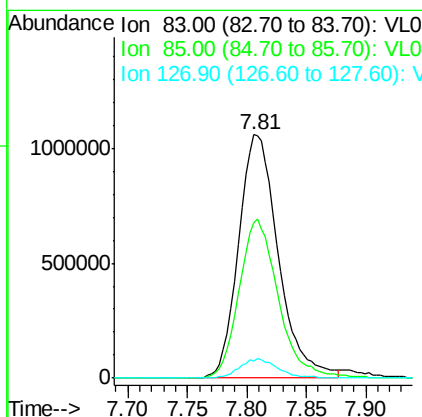
Manual Integrations
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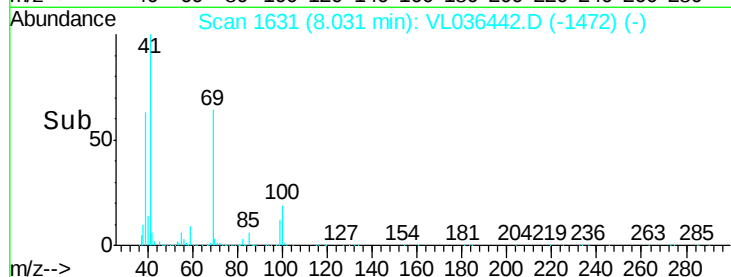
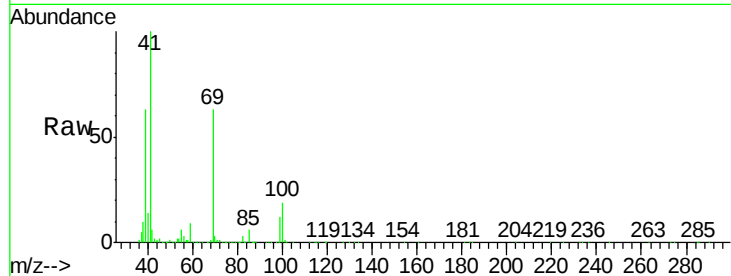
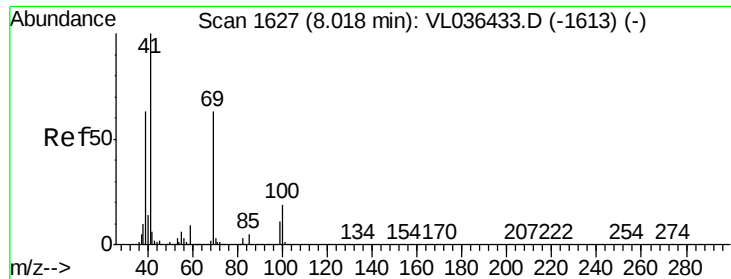
Reviewed By :Semsettin Yesilyurt 03/04/2021
Supervised By :Mahesh Dadoda 03/04/2021



#42
Bromodichloromethane
Concen: 9.152 ppbv
RT: 7.81 min Scan# 1561
Delta R.T. 0.01 min
Lab File: VL036442.D
Acq: 3 Mar 2021 17:11

Tgt Ion: 83 Resp: 2458027
Ion Ratio Lower Upper
83 100
85 63.7 51.2 76.8
127 7.1 6.0 9.0





#43

Methyl Methacrylate

Concen: 10.207 ppbv

RT: 8.03

Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VL0303ABS01

Acq: 3 Mar 2021 17:11

Tot Ion:

Ion Ratio

69 100

41 159.

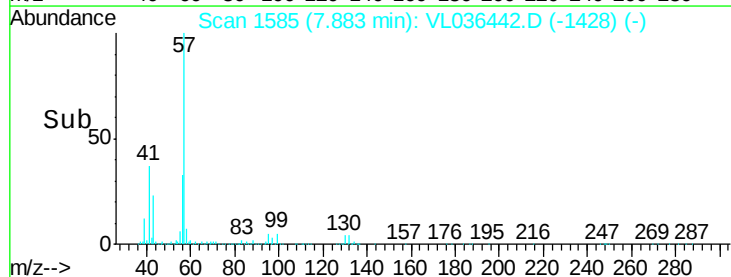
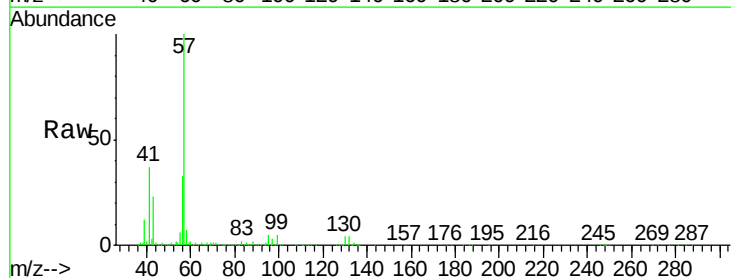
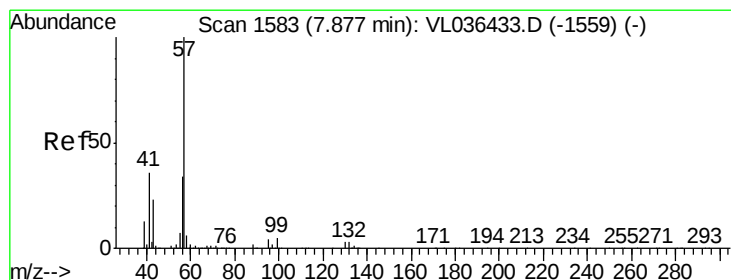
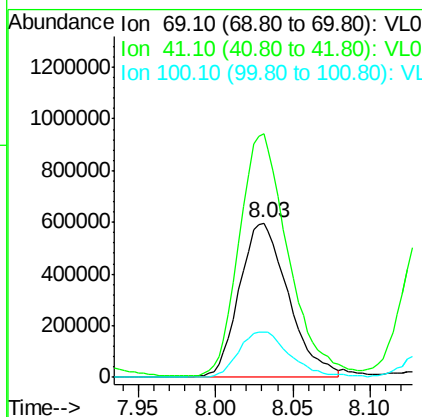
100 31.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/04/2021

Supervised By :Mahesh Dadoda 03/04/2021



#44

2,2,4-Trimethylpentane

Concen: 8.840 ppbv

RT: 7.88 min Scan# 1585

Delta R.T. 0.01 min

Lab File: VL036442.D

Acq: 3 Mar 2021 17:11

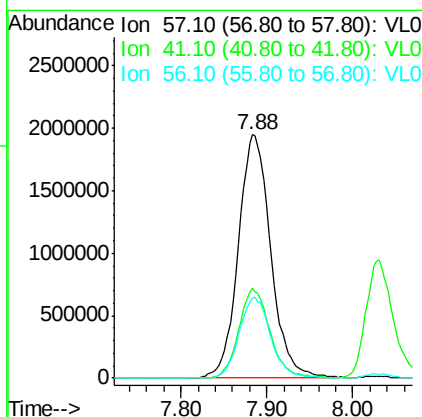
Tgt Ion: 57 Resp: 5097776

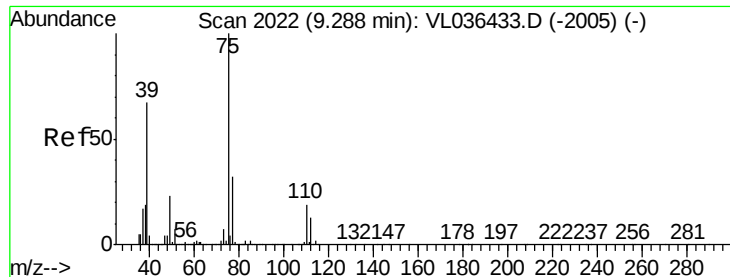
Ion Ratio Lower Upper

57 100

41 35.4 28.2 42.2

56 32.3 25.9 38.9



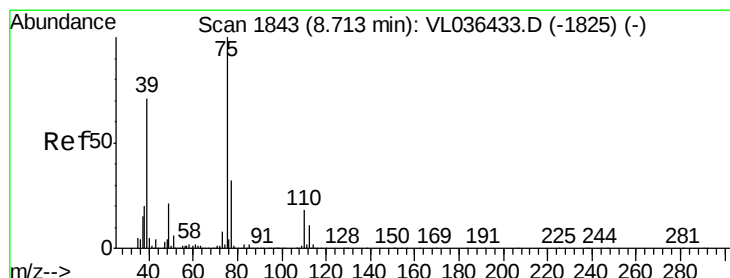
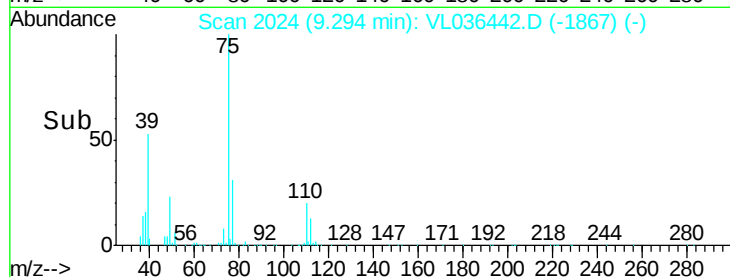
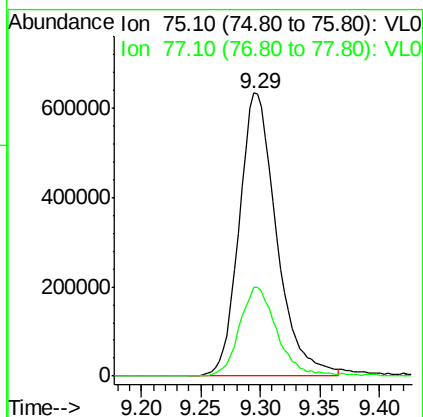
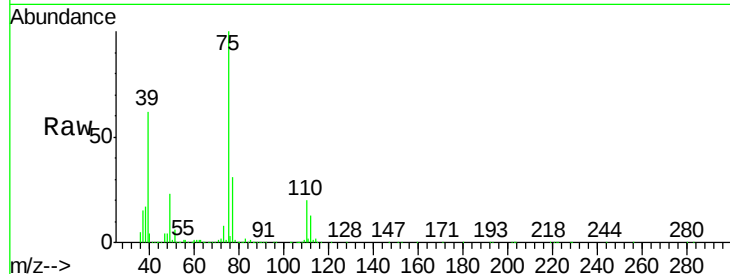


#45
t-1,3-Dichloropropene
Concen: 11.079 ppbv
RT: 9.29
Instrument : MSVOA_1
Delta R.T. :
Lab File: ClientSampleId : VL0303ABS01
Acq: 3 Mar 2021 17:11

Tot Ion:
Ion Ratio
75 100
77 31.

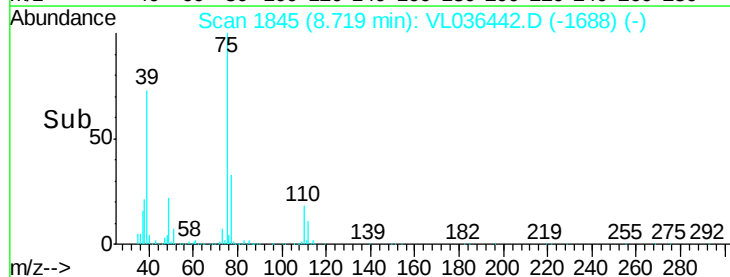
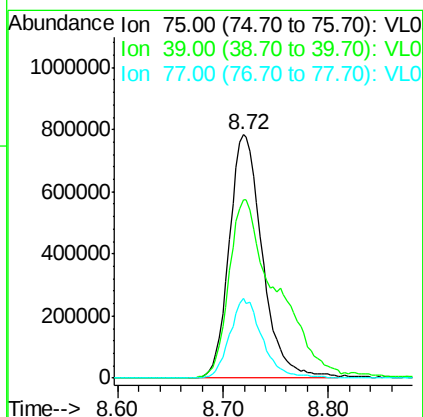
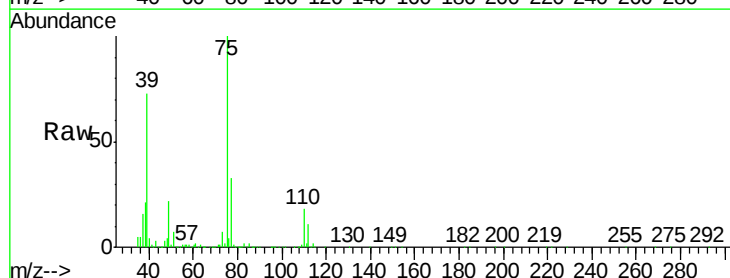
Manual Integrations
APPROVED

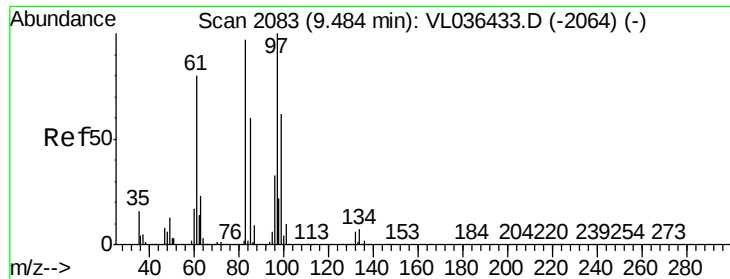
Reviewed By :Semsettin Yesilyurt 03/04/2021
Supervised By :Mahesh Dadoda 03/04/2021



#46
cis-1,3-Dichloropropene
Concen: 10.493 ppbv
RT: 8.72 min Scan# 1845
Delta R.T. 0.01 min
Lab File: VL036442.D
Acq: 3 Mar 2021 17:11

Tgt Ion: 75 Resp: 1707654
Ion Ratio Lower Upper
75 100
39 73.0 57.1 85.7
77 32.9 25.3 37.9



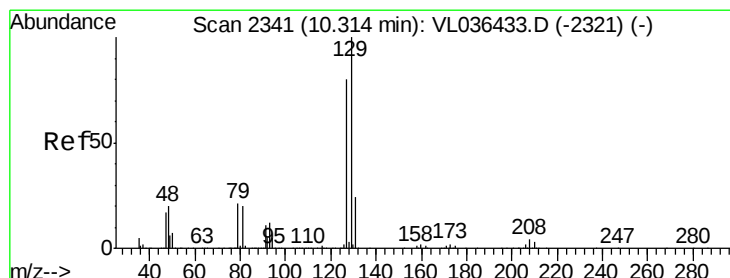
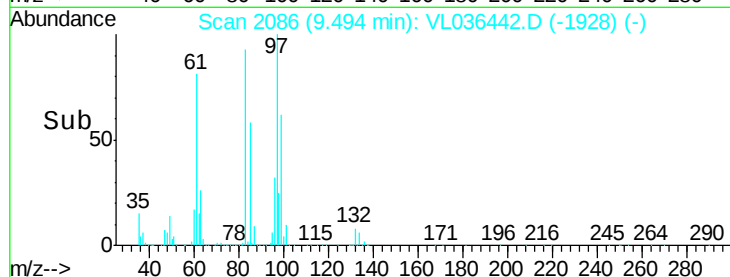
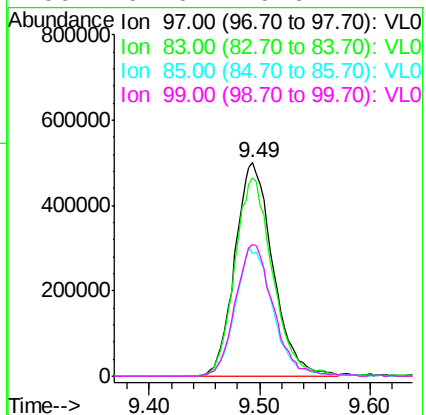
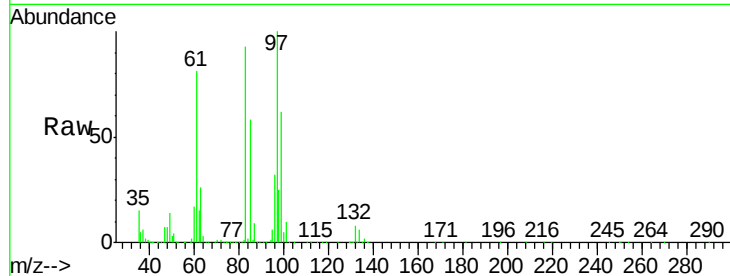


#47
 1,1,2-Trichloroethane
 Concen: 8.901 ppbv
 RT: 9.49
 Delta R.T. MSVOA_L
 Lab File: ClientSampled :
 VL0303ABS01
 Acq: 3 Mar 2021 17:11

Tot Ion:
 Ion Ratio
 97 100
 83 92.
 85 57.
 99 61.6 49.6 74.4

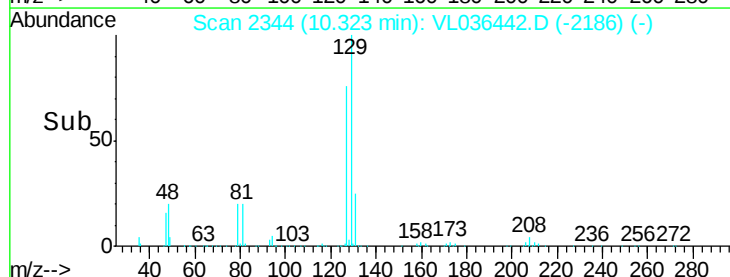
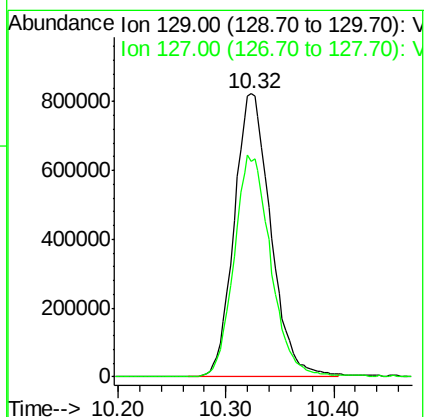
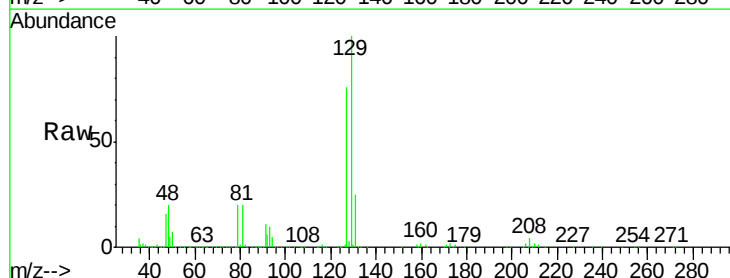
Manual Integrations
 APPROVED

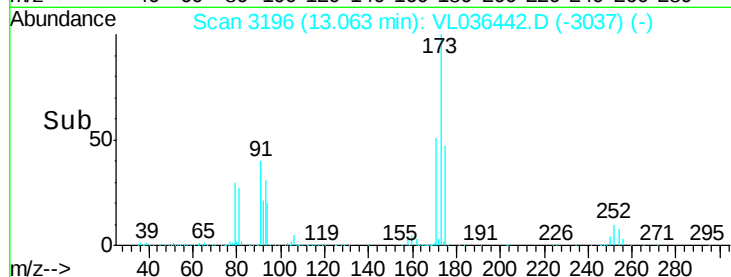
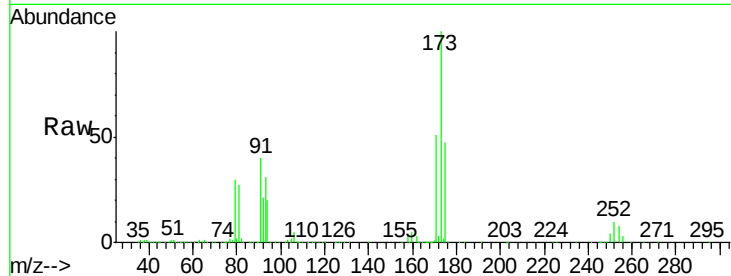
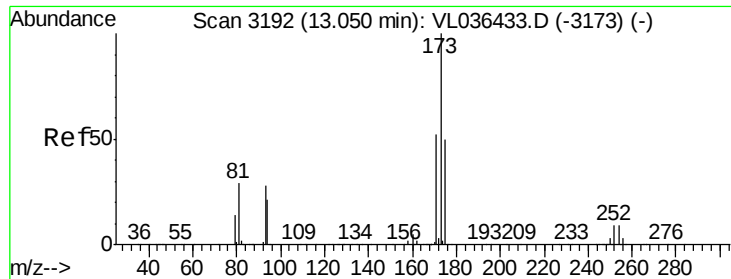
Reviewed By :Semsettin Yesilyurt 03/04/2021
 Supervised By :Mahesh Dadoda 03/04/2021



#48
 Dibromochloromethane
 Concen: 9.574 ppbv
 RT: 10.32 min Scan# 2344
 Delta R.T. 0.01 min
 Lab File: VL036442.D
 Acq: 3 Mar 2021 17:11

Tgt Ion:129 Resp: 1943733
 Ion Ratio Lower Upper
 129 100
 127 79.1 39.4 118.1





#49

Bromoform

Concen: 9.250 ppbv

RT: 13.06

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 3 Mar 2021 17:11

Tot Ion:1

Ion Rati

173 100

175 50.

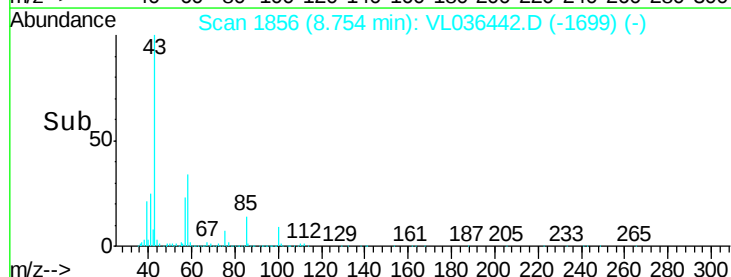
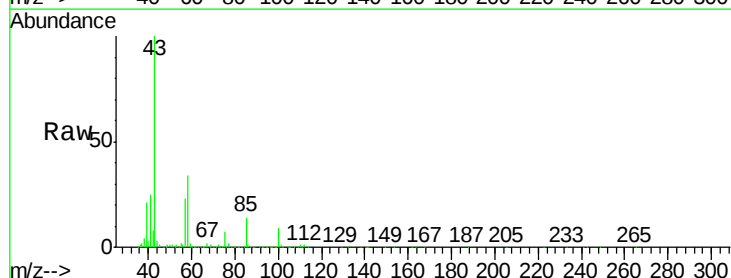
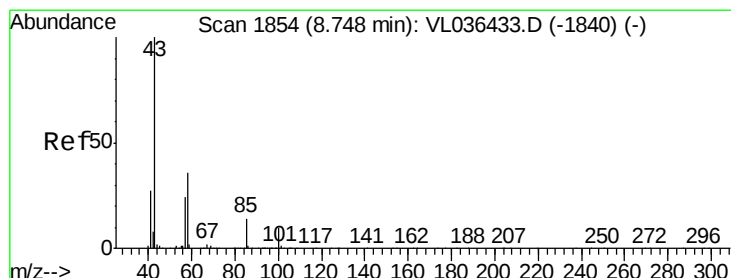
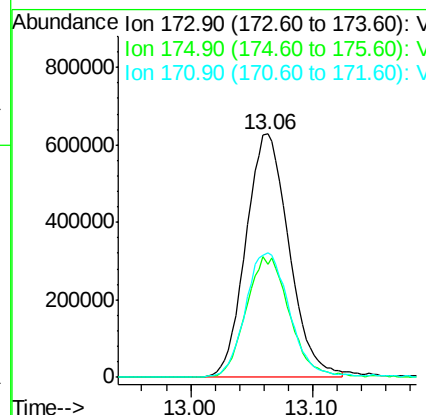
171 53.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/04/2021

Supervised By :Mahesh Dadoda 03/04/2021



#50

4-Methyl-2-Pentanone

Concen: 9.728 ppbv

RT: 8.75 min Scan# 1856

Delta R.T. 0.01 min

Lab File: VL036442.D

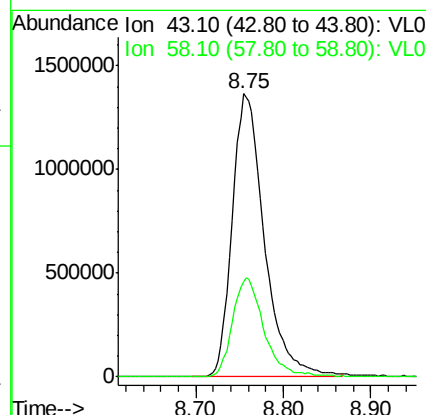
Acq: 3 Mar 2021 17:11

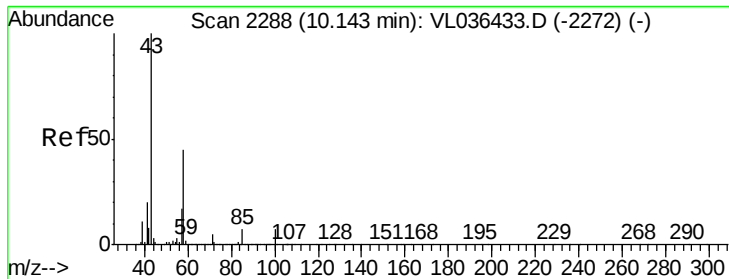
Tgt Ion: 43 Resp: 3479673

Ion Ratio Lower Upper

43 100

58 34.5 27.8 41.8



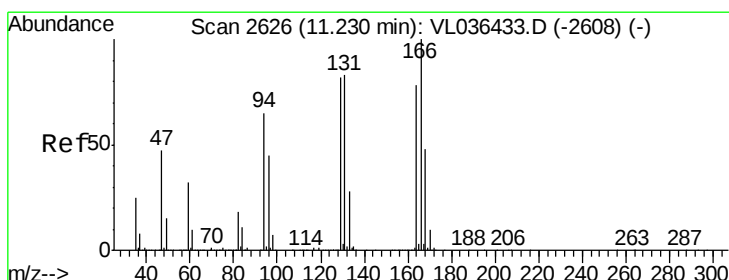
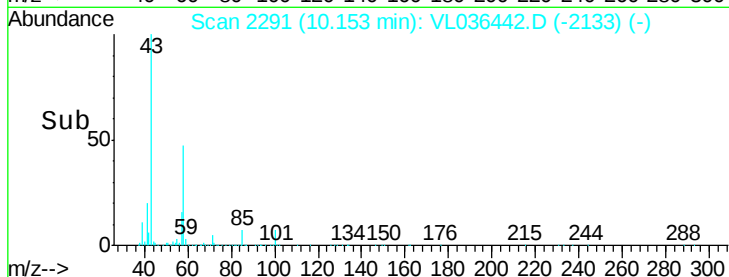
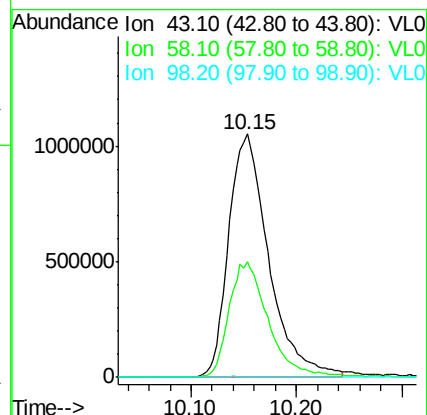
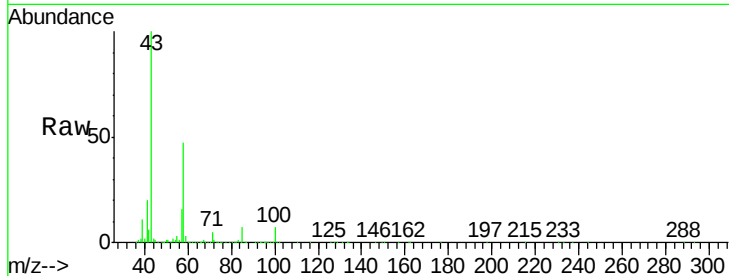


#51
2-Hexanone
Concen: 10.221 ppbv
RT: 10.15
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 3 Mar 2021 17:11

Tot Ion:
Ion Ratio
43 100
58 47.
98 0.

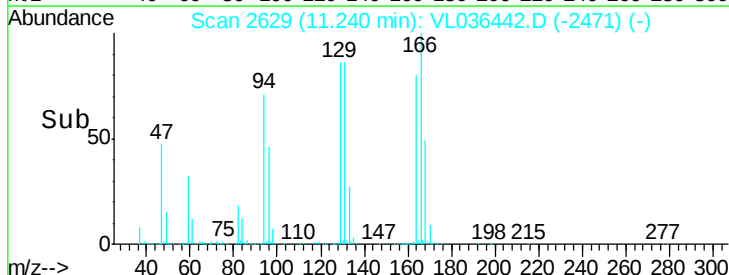
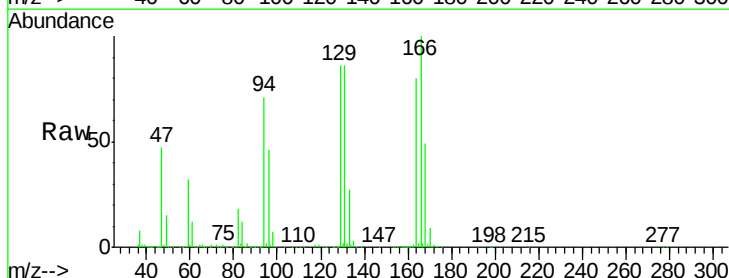
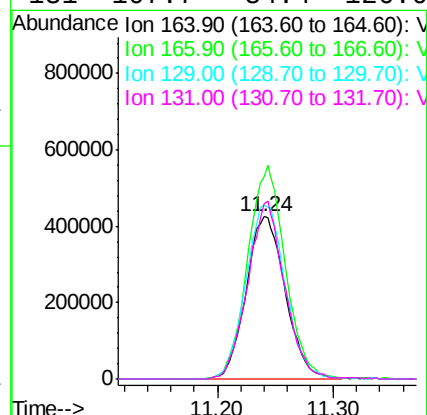
Manual Integrations
APPROVED

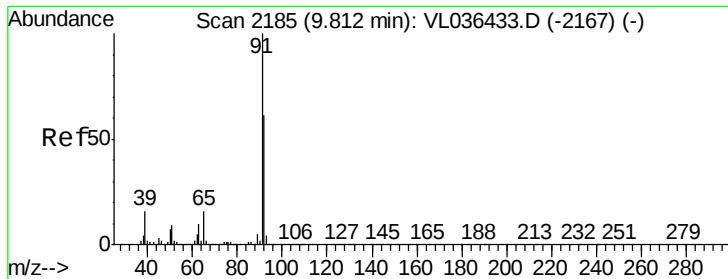
Reviewed By :Semsettin Yesilyurt 03/04/2021
Supervised By :Mahesh Dadoda 03/04/2021



#52
Tetrachloroethene
Concen: 8.388 ppbv
RT: 11.24 min Scan# 2629
Delta R.T. 0.01 min
Lab File: VL036442.D
Acq: 3 Mar 2021 17:11

Tgt Ion:164 Resp: 994847
Ion Ratio Lower Upper
164 100
166 124.7 102.0 153.0
129 107.5 83.3 124.9
131 107.7 84.4 126.6





#53

Toluene

Concen: 9.750 ppbv

RT: 9.82

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 3 Mar 2021 17:11

Tot Ion:

Ion Ratio

91 100

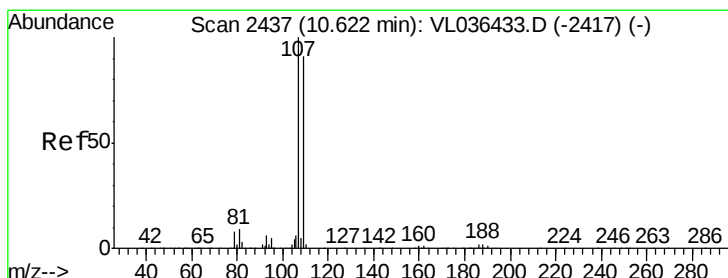
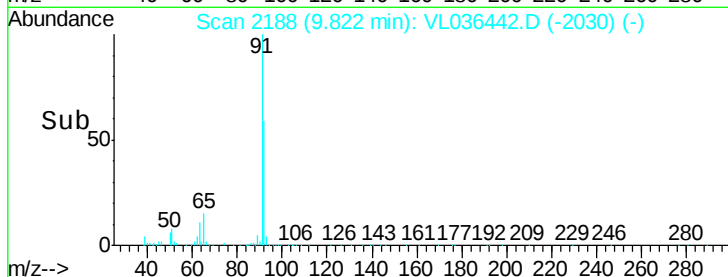
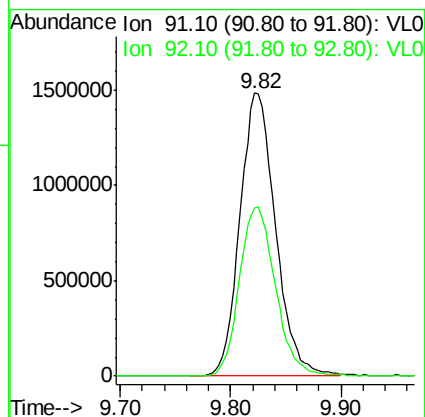
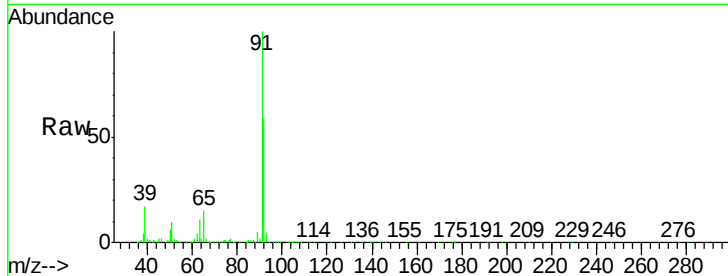
92 61.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/04/2021

Supervised By :Mahesh Dadoda 03/04/2021



#54

1,2-Dibromoethane

Concen: 8.956 ppbv

RT: 10.63 min Scan# 2439

Delta R.T. 0.01 min

Lab File: VL036442.D

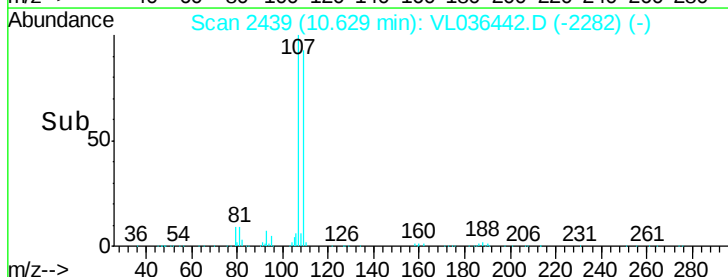
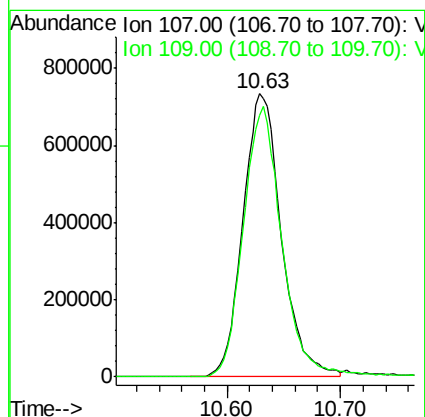
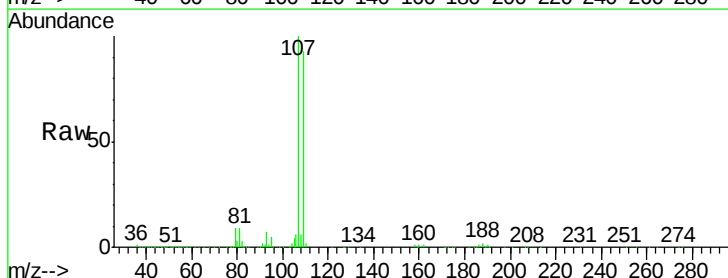
Acq: 3 Mar 2021 17:11

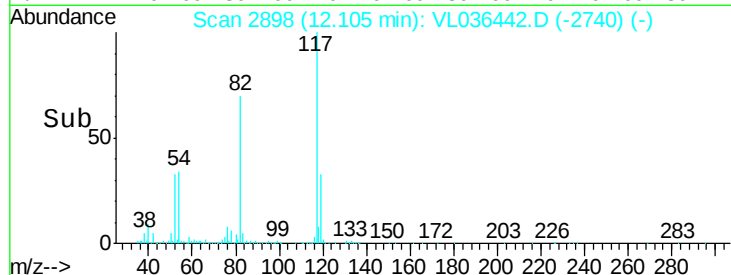
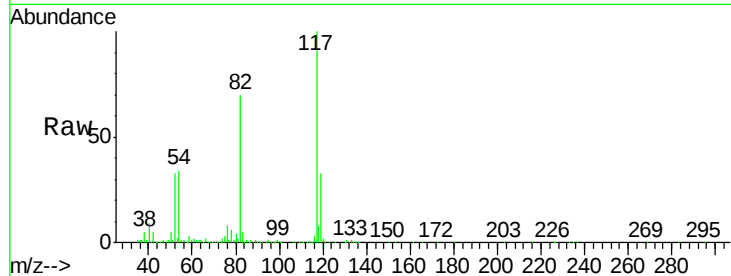
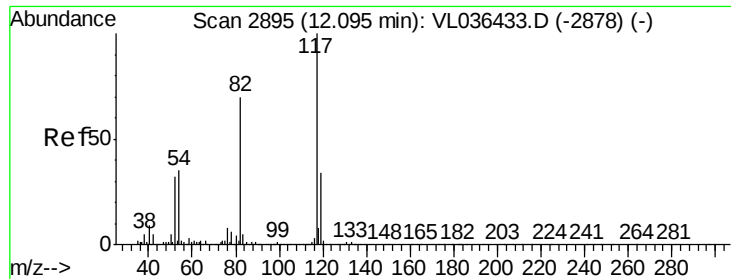
Tgt Ion:107 Resp: 1733375

Ion Ratio Lower Upper

107 100

109 92.5 73.0 109.6



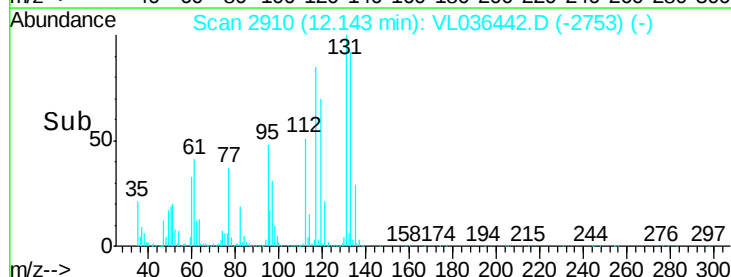
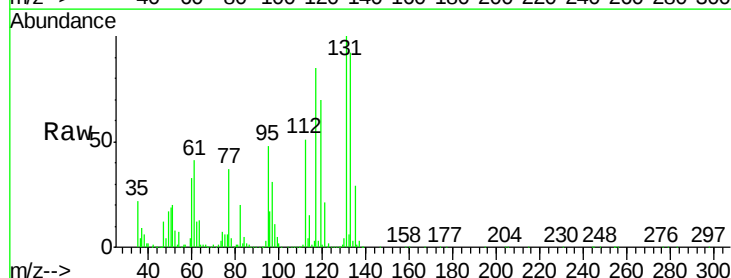
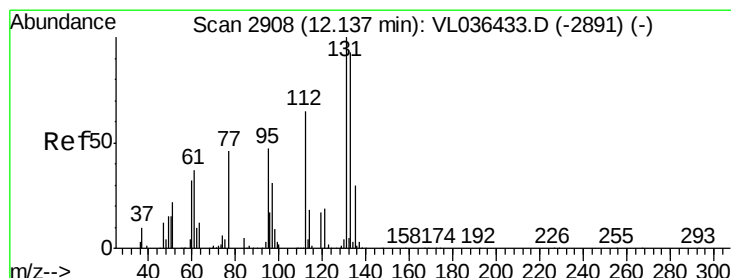
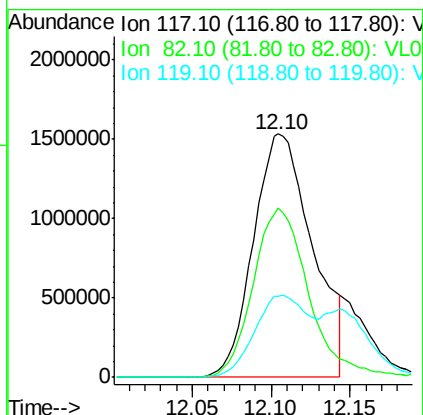


#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.10
Instrument: MSVOA_L
Delta R.T.
Lab File: ClientSampleId :
Acq: 3 Mar 2021 17:11

Tot Ion:1
Ion Rati
117 100
82 65.
119 53.

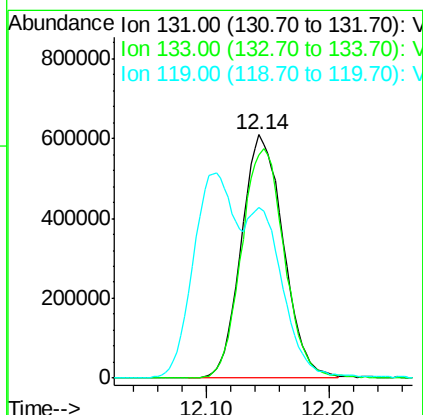
Manual Integrations
APPROVED

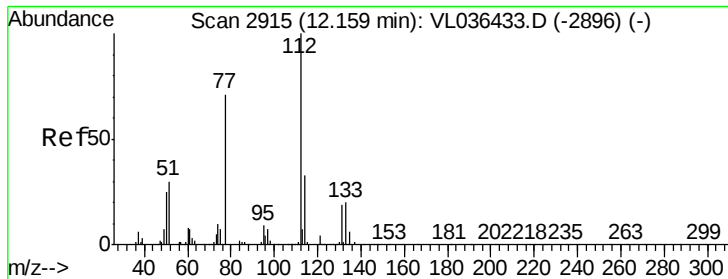
Reviewed By :Semsettin Yesilyurt 03/04/2021
Supervised By :Mahesh Dadoda 03/04/2021



#56
1,1,1,2-Tetrachloroethane
Concen: 8.149 ppbv
RT: 12.14 min Scan# 2910
Delta R.T. 0.01 min
Lab File: VL036442.D
Acq: 3 Mar 2021 17:11

Tgt Ion:131 Resp: 1452036
Ion Ratio Lower Upper
131 100
133 96.4 76.4 114.6
119 147.8 112.8 169.2





#57

Chlorobenzene

Concen: 8.238 ppbv

RT: 12.17

Delta R.T. MSVOA_L

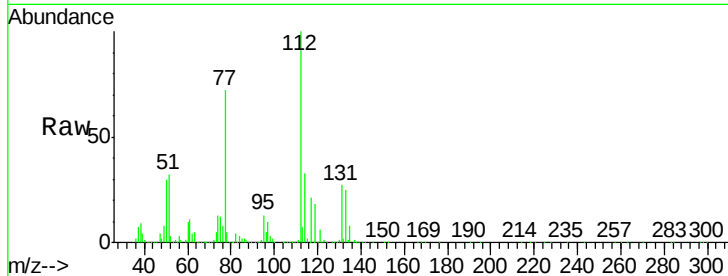
Lab File: ClientSampleId:

Acq: 3 Mar 2021 17:11

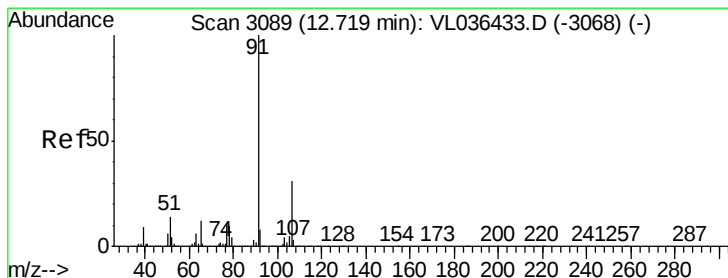
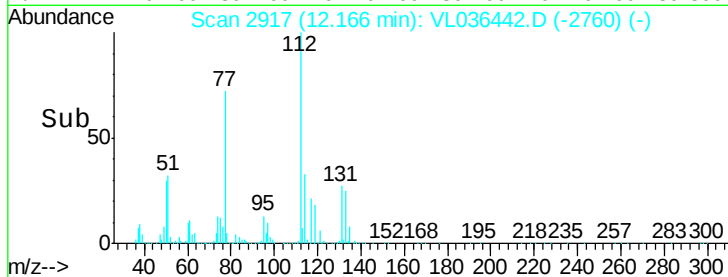
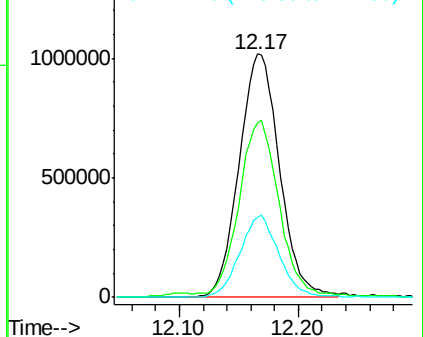
Tot Ion:1
Ion Rati
112 100
77 70.
114 32.

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 03/04/2021
Supervised By :Mahesh Dadoda 03/04/2021



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: 8.887 ppbv

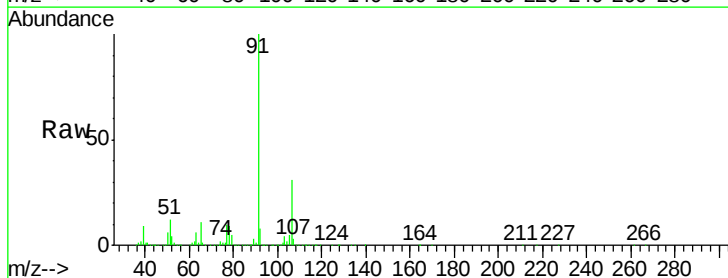
RT: 12.73 min Scan# 3092

Delta R.T. 0.01 min

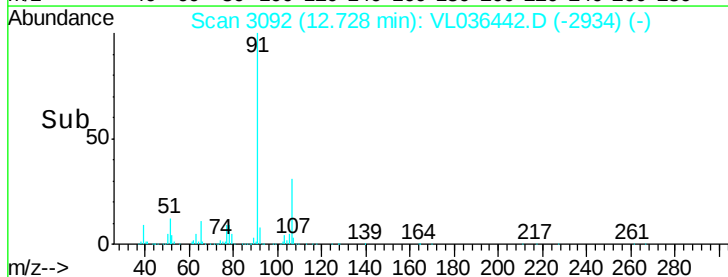
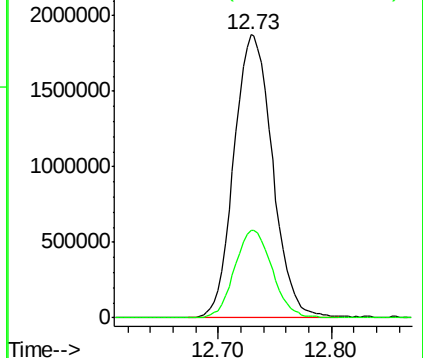
Lab File: VL036442.D

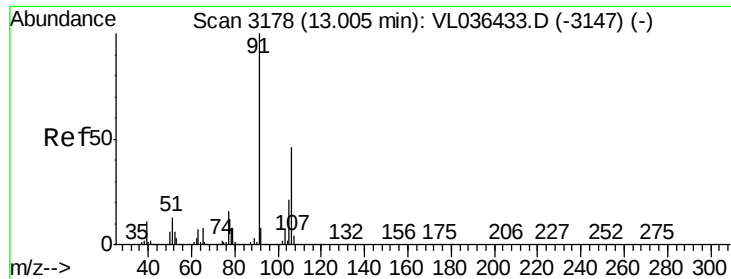
Acq: 3 Mar 2021 17:11

Tgt Ion: 91 Resp: 4439939
Ion Ratio Lower Upper
91 100
106 30.9 24.8 37.2



Abundance Ion 91.10 (90.80 to 91.80): VL0
Ion 106.10 (105.80 to 106.80): V



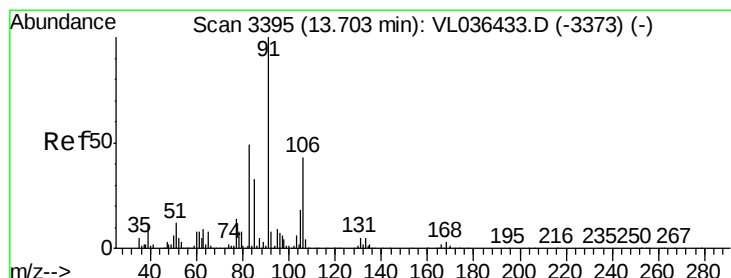
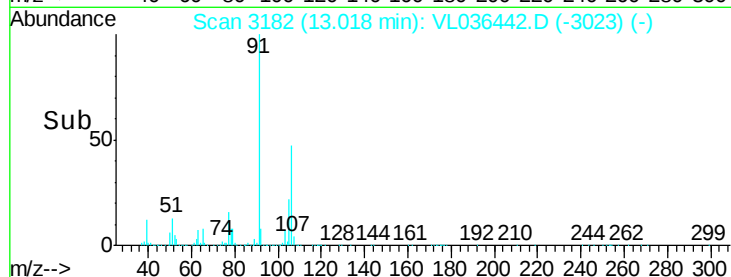
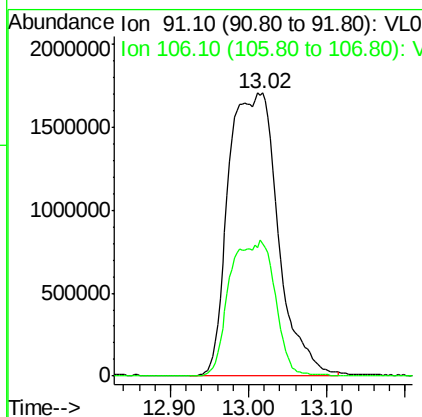
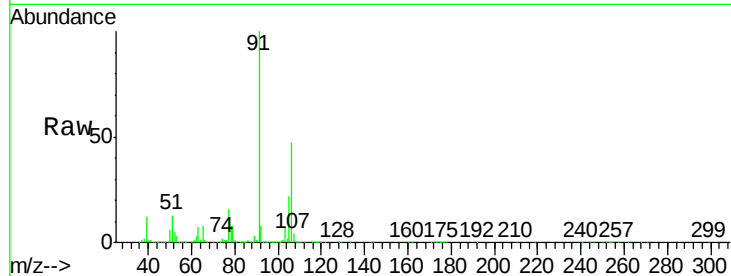


#59
m/p-Xylene
Concen: 16.952 ppbv m
RT: 13.02
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 3 Mar 2021 17:11

Tot Ion:
Ion Ratio
91 100
106 43.

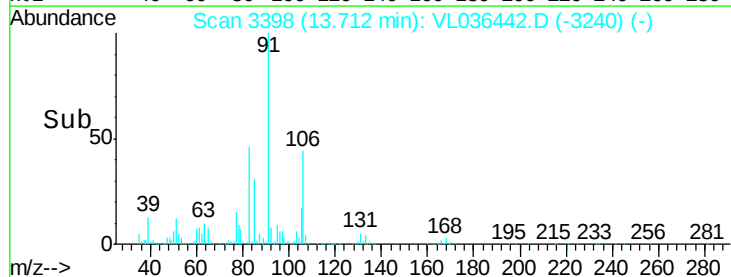
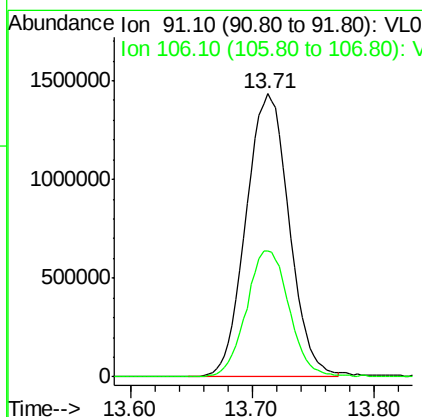
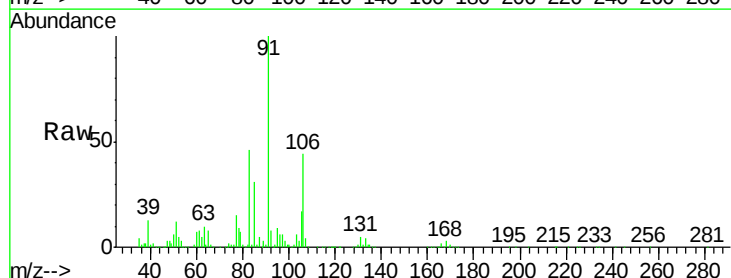
Manual Integrations
APPROVED

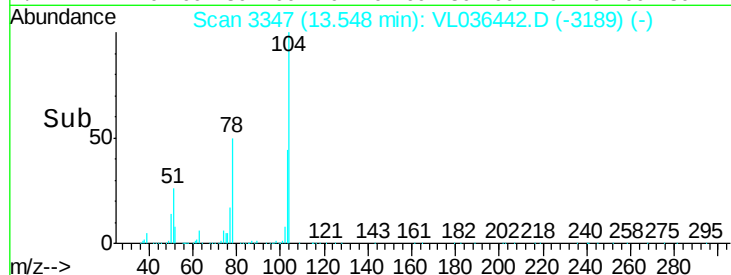
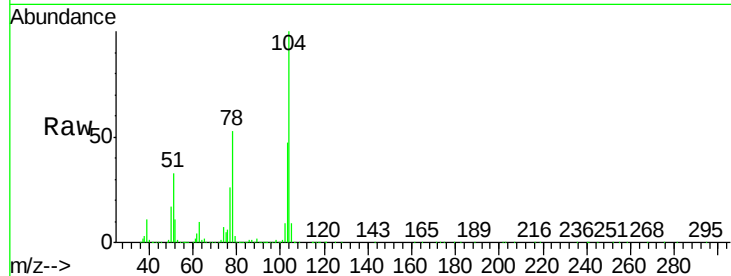
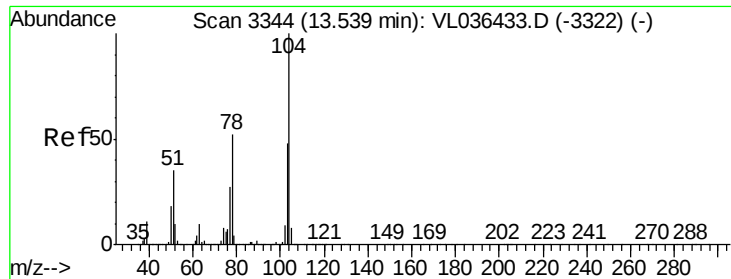
Reviewed By :Semsettin Yesilyurt 03/04/2021
Supervised By :Mahesh Dadoda 03/04/2021



#60
o-Xylene
Concen: 8.244 ppbv
RT: 13.71 min Scan# 3398
Delta R.T. 0.01 min
Lab File: VL036442.D
Acq: 3 Mar 2021 17:11

Tgt Ion: 91 Resp: 3498439
Ion Ratio Lower Upper
91 100
106 44.8 21.9 65.8



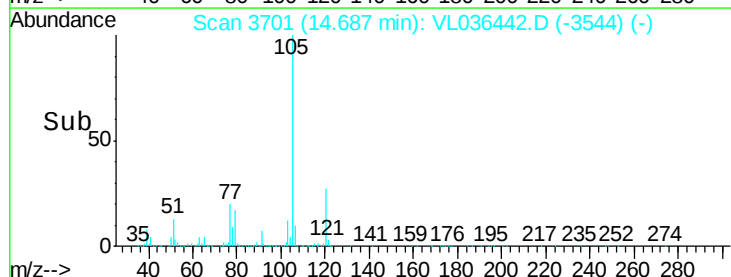
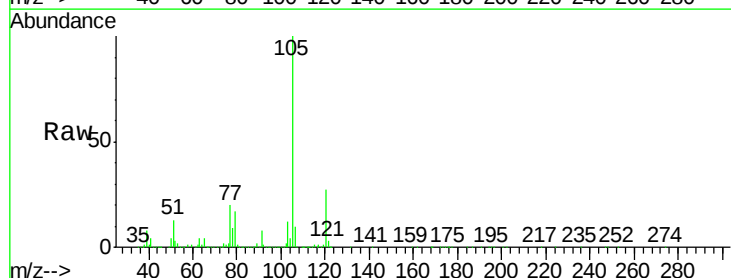
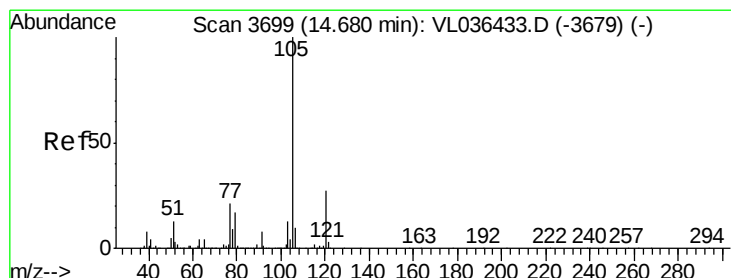
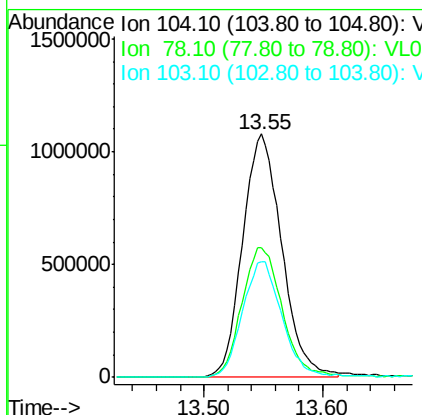


#61
Stvrene
Concen: 9.536 ppbv
RT: 13.55
Delta R.T. MSVOA_L
Lab File: ClientSampleId : VL0303ABS01
Acq: 3 Mar 2021 17:11

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

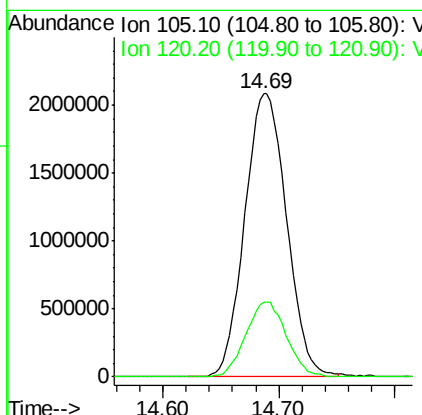
Manual Integrations
APPROVED

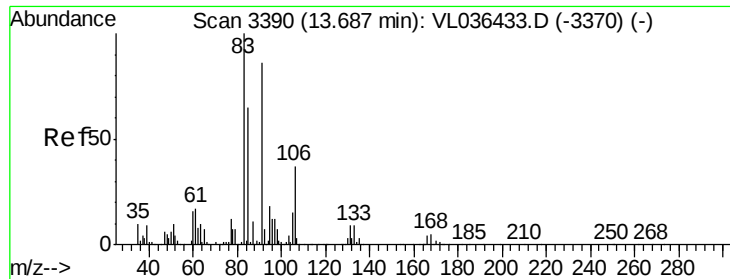
Reviewed By :Semsettin Yesilyurt 03/04/2021
Supervised By :Mahesh Dadoda 03/04/2021



#62
Isopropylbenzene
Concen: 8.160 ppbv
RT: 14.69 min Scan# 3701
Delta R.T. 0.01 min
Lab File: VL036442.D
Acq: 3 Mar 2021 17:11

Tgt Ion:105 Resp: 5221580
Ion Ratio Lower Upper
105 100
120 25.9 20.9 31.3



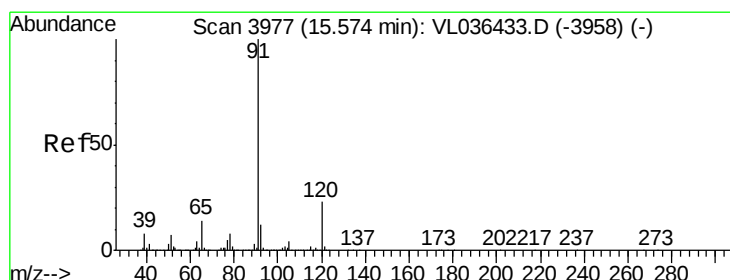
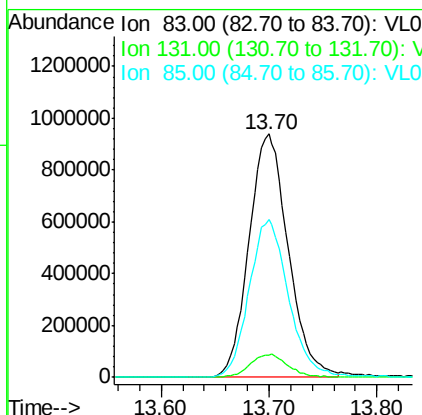
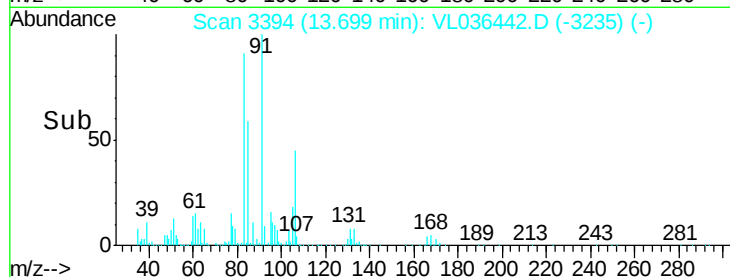
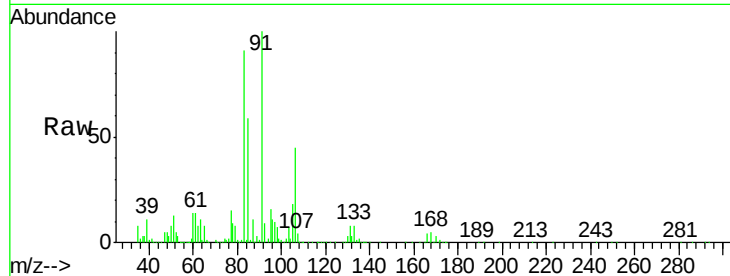


#63
 1,1,2,2-Tetrachloroethane
 Concen: 7.151 ppbv
 RT: 13.70
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 3 Mar 2021 17:11

Tot Ion:
 Ion Ratio
 83 100
 131 9.
 85 65.

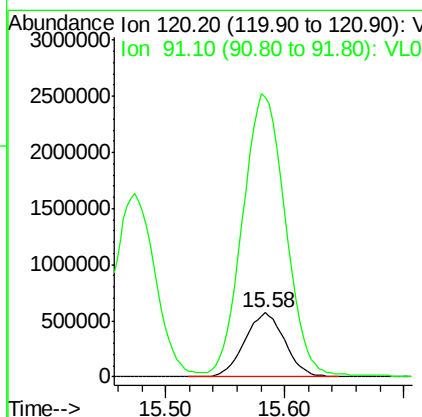
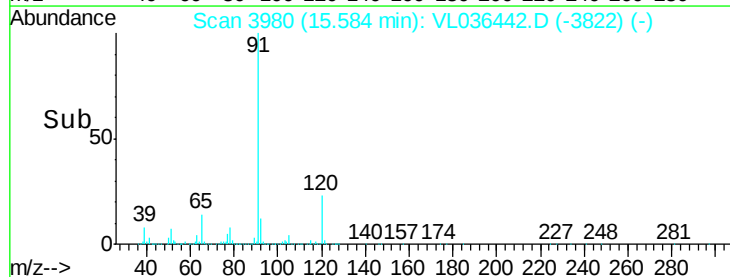
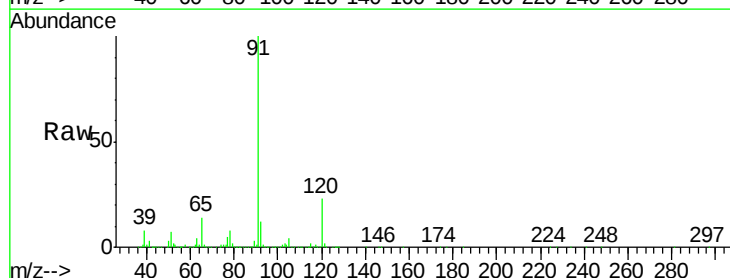
Manual Integrations
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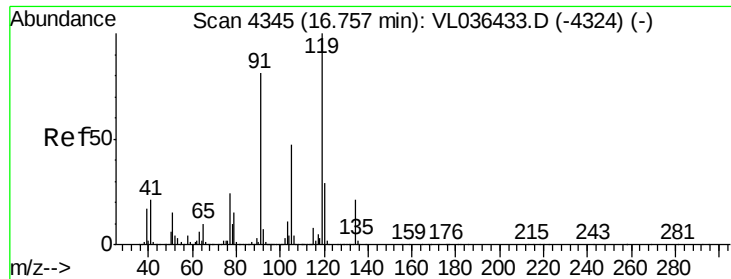
Reviewed By :Semsettin Yesilyurt 03/04/2021
 Supervised By :Mahesh Dadoda 03/04/2021



#64
 n-propylbenzene
 Concen: 8.369 ppbv
 RT: 15.58 min Scan# 3980
 Delta R.T. 0.01 min
 Lab File: VL036442.D
 Acq: 3 Mar 2021 17:11

Tgt Ion:120 Resp: 1337584
 Ion Ratio Lower Upper
 120 100
 91 473.4 378.6 567.8





#65

tert-Butylbenzene

Concen: 7.801 ppbv

RT: 16.76

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 3 Mar 2021 17:11

Tot Ion:1

Ion Ratio

119 100

91 85.

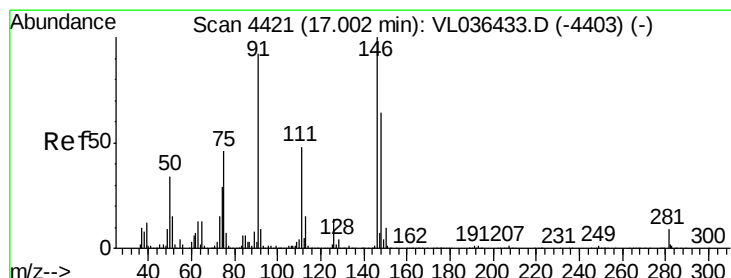
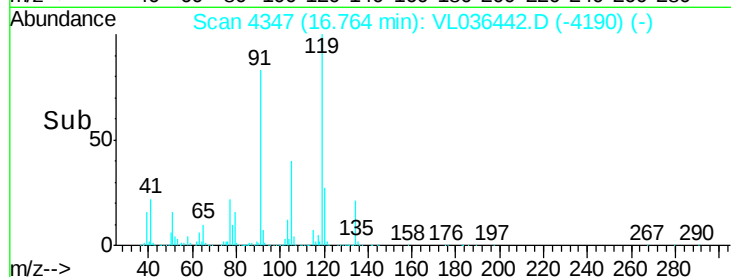
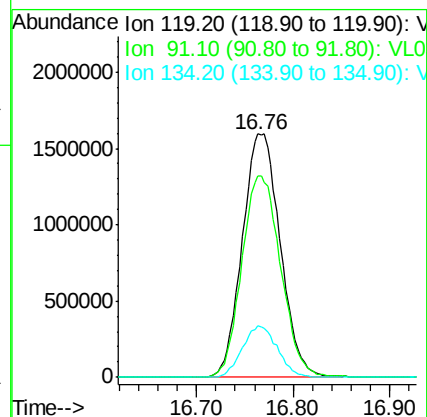
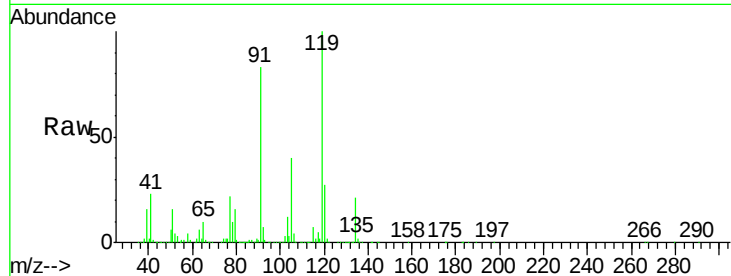
134 19.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/04/2021

Supervised By :Mahesh Dadoda 03/04/2021



#66

Benzyl Chloride

Concen: 9.090 ppbv

RT: 17.01 min Scan# 4424

Delta R.T. 0.01 min

Lab File: VL036442.D

Acq: 3 Mar 2021 17:11

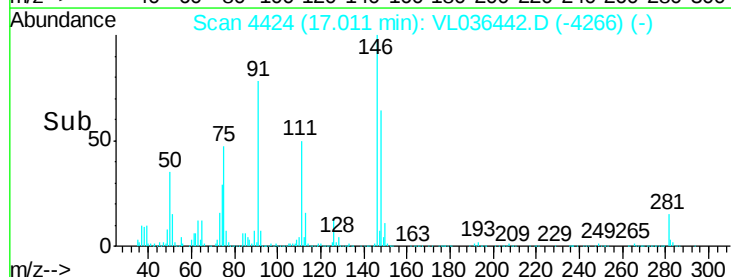
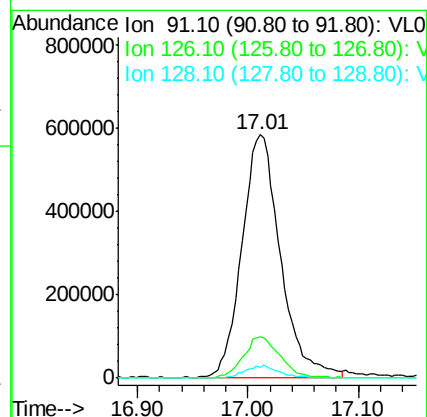
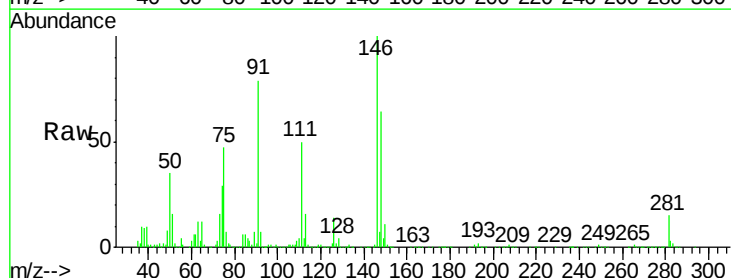
Tgt Ion: 91 Resp: 1412710

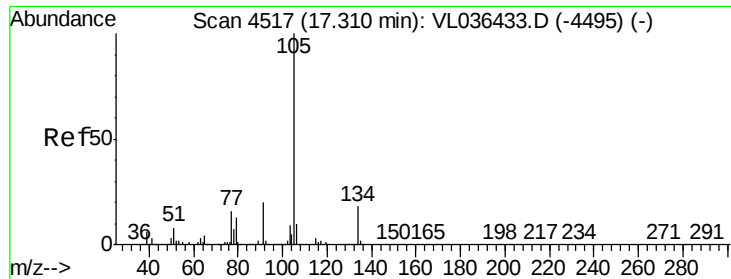
Ion Ratio Lower Upper

91 100

126 16.7 12.9 19.3

128 5.0 4.0 6.0





#67

sec-Butylbenzene

Concen: 7.886 ppbv

RT: 17.32

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 3 Mar 2021 17:11

Tot Ion:1

Ion Ratio

105 100

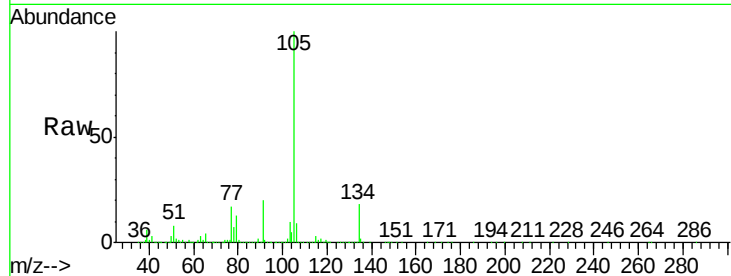
134 18.

Manual Integrations

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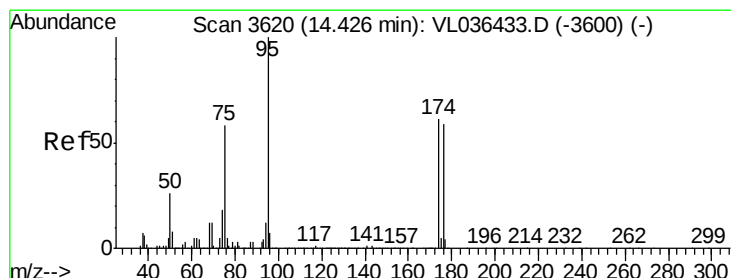
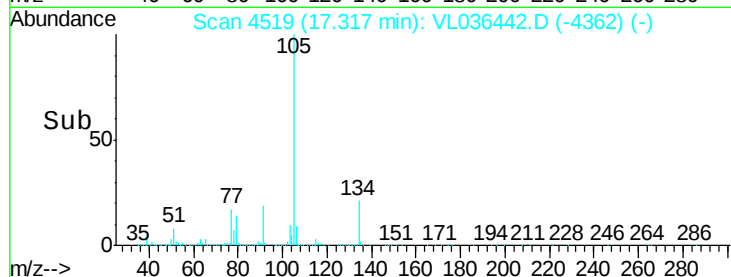
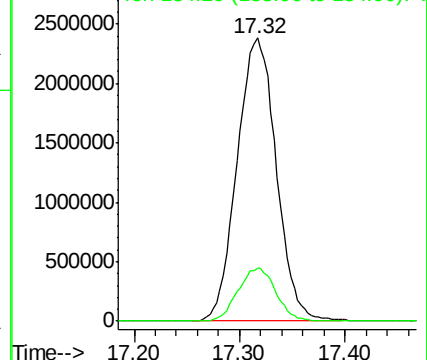
Reviewed By :Semsettin Yesilyurt 03/04/2021

Supervised By :Mahesh Dadoda 03/04/2021



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 134.20 (133.90 to 134.90): V



#68

1-Bromo-4-Fluorobenzene

Concen: 9.768 ppbv

RT: 14.44 min Scan# 3623

Delta R.T. 0.01 min

Lab File: VL036442.D

Acq: 3 Mar 2021 17:11

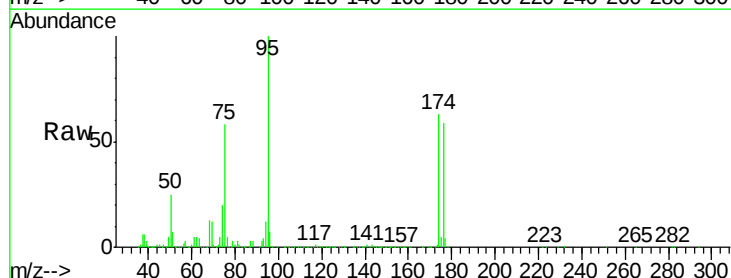
Tgt Ion: 95 Resp: 3230031

Ion Ratio Lower Upper

95 100

174 63.1 51.0 76.4

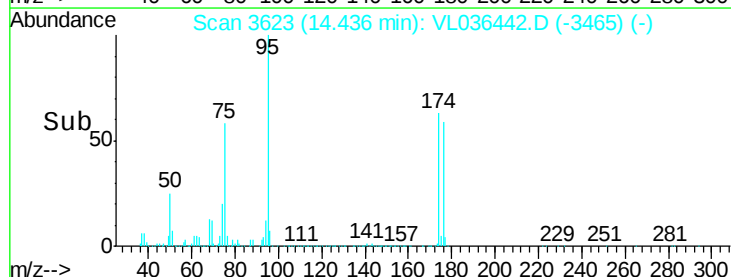
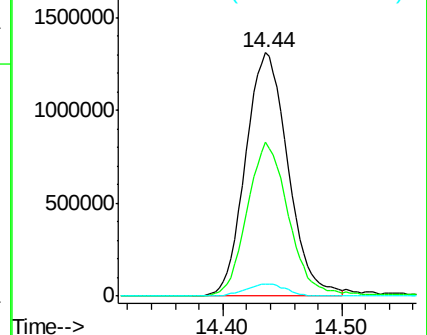
175 4.9 3.8 5.6

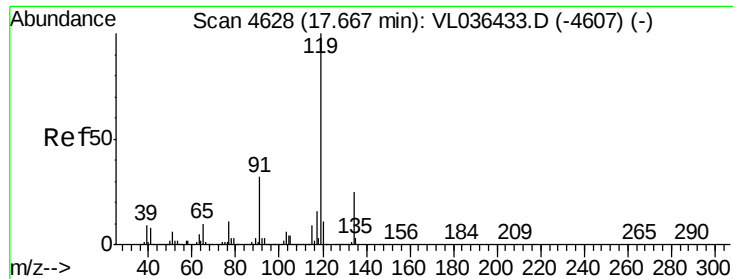


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V





#69

p-Isopropyltoluene

Concen: 8.130 ppbv

RT: 17.67

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 3 Mar 2021 17:11

Tot Ion:1

Ion Rati

119 100

134 25.

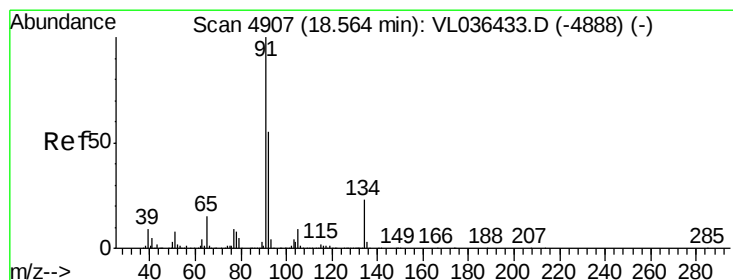
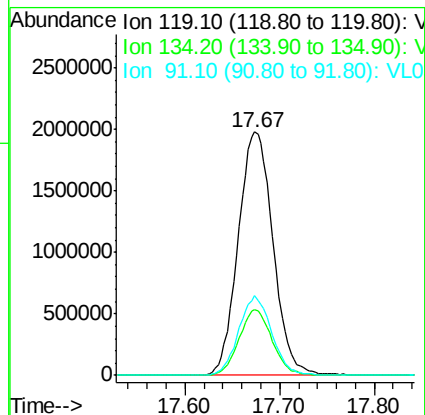
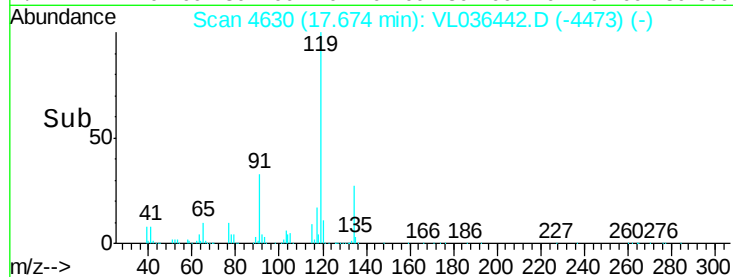
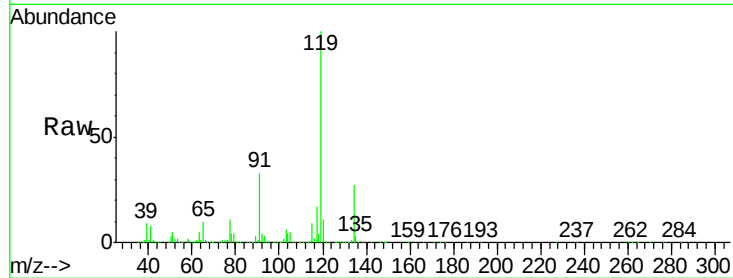
91 30.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/04/2021

Supervised By :Mahesh Dadoda 03/04/2021



#70

n-Butylbenzene

Concen: 8.196 ppbv

RT: 18.57 min Scan# 4909

Delta R.T. 0.01 min

Lab File: VL036442.D

Acq: 3 Mar 2021 17:11

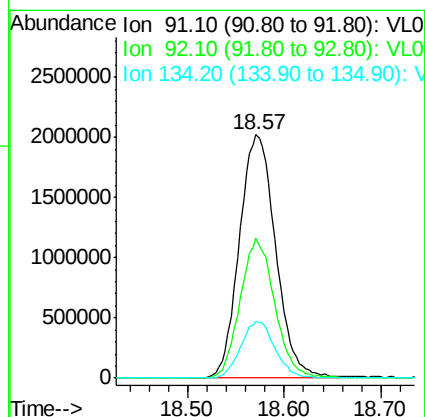
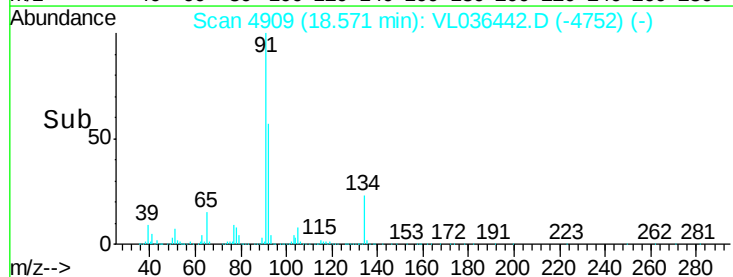
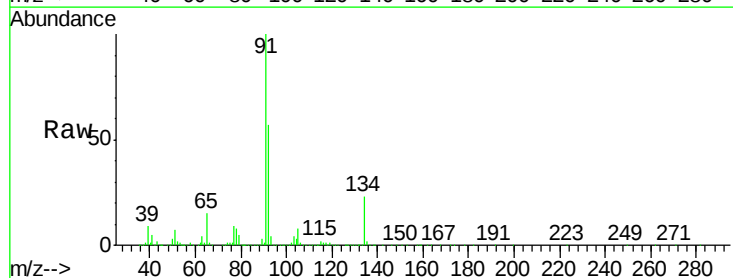
Tgt Ion: 91 Resp: 5269858

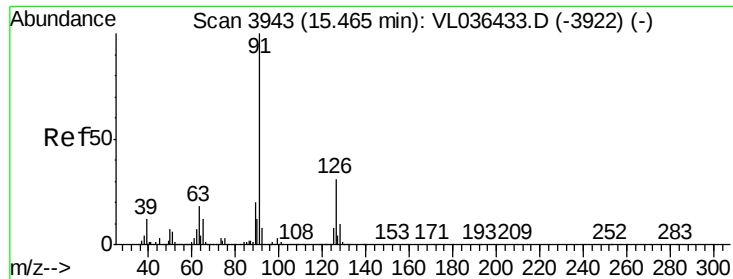
Ion Ratio Lower Upper

91 100

92 54.8 44.1 66.1

134 22.2 17.9 26.9



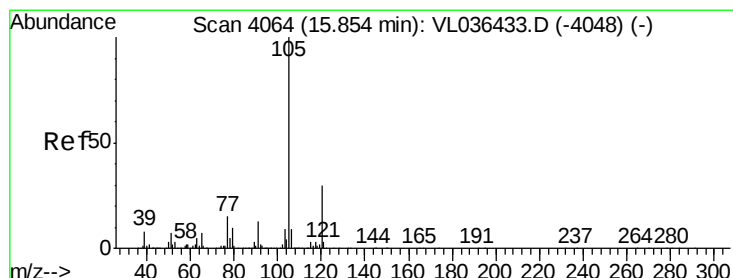
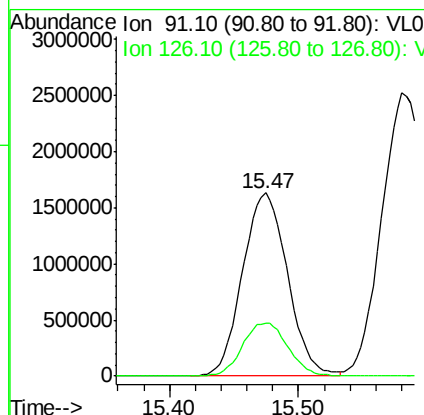
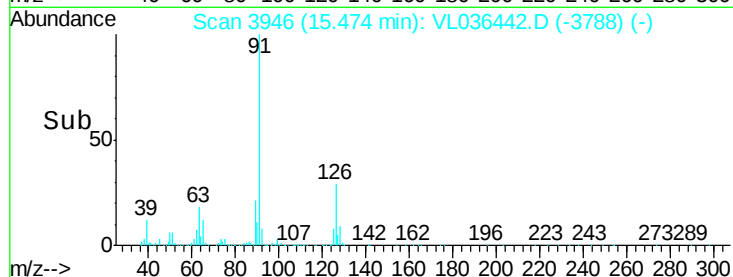
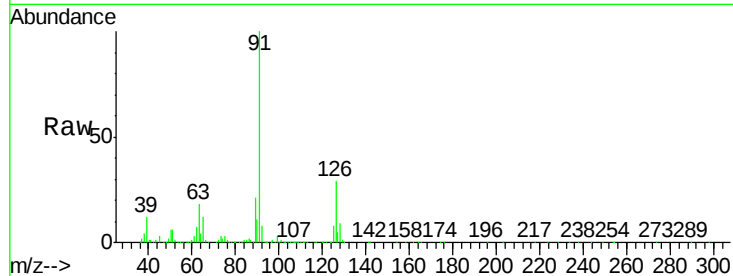


#71
 2-Chlorotoluene
 Concen: 8.219 ppbv
 RT: 15.47
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VL0303ABS01
 Acq: 3 Mar 2021 17:11

Tot Ion:
 Ion Ratio
 91 100
 126 29.

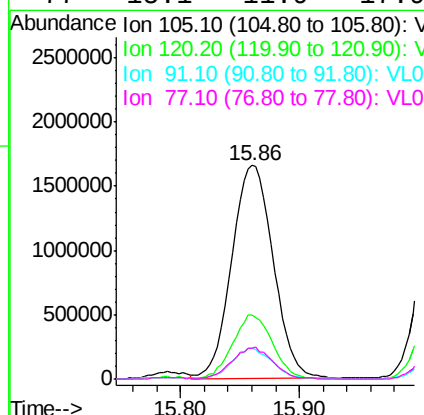
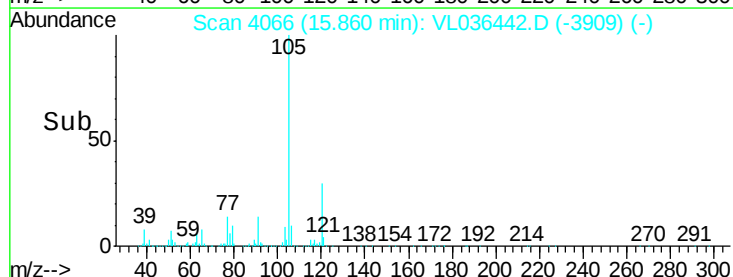
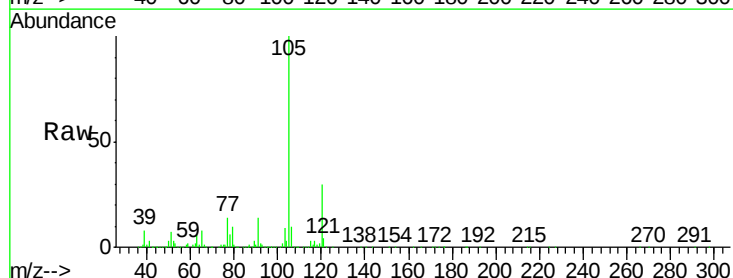
Manual Integrations
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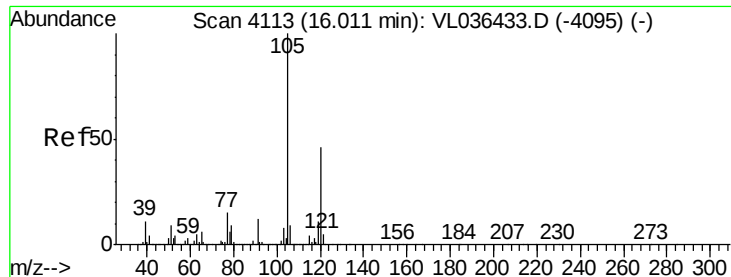
Reviewed By :Semsettin Yesilyurt 03/04/2021
 Supervised By :Mahesh Dadoda 03/04/2021



#72
 4-Ethyltoluene
 Concen: 8.659 ppbv
 RT: 15.86 min Scan# 4066
 Delta R.T. 0.01 min
 Lab File: VL036442.D
 Acq: 3 Mar 2021 17:11

Tgt Ion:105 Resp: 3990978
 Ion Ratio Lower Upper
 105 100
 120 29.4 23.8 35.6
 91 13.8 10.9 16.3
 77 15.1 11.9 17.9



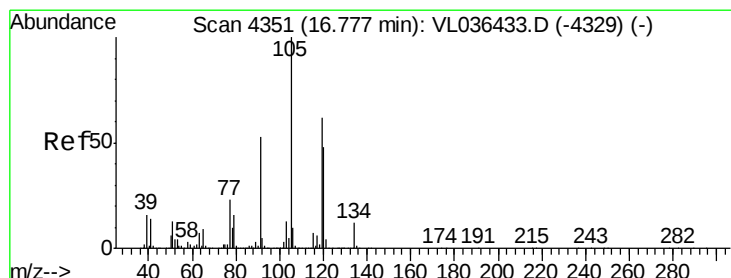
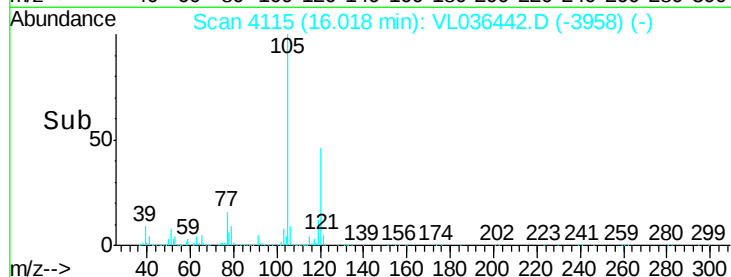
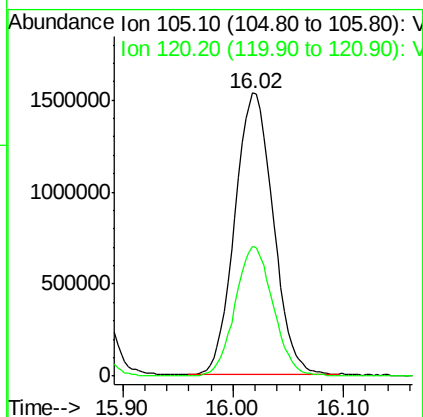
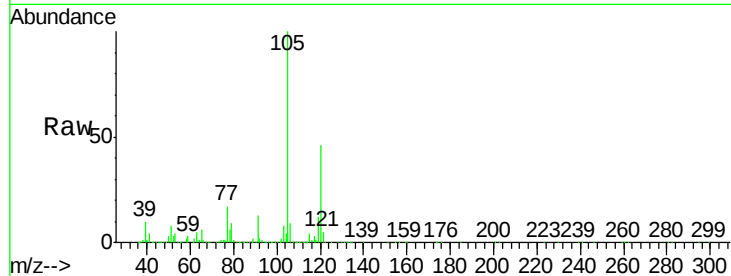


#73
 1,3,5-Trimethylbenzene
 Concen: 8.255 ppbv
 RT: 16.02
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL0303ABS01
 Acq: 3 Mar 2021 17:11

Tot Ion:1
 Ion Rati
 105 100
 120 45.

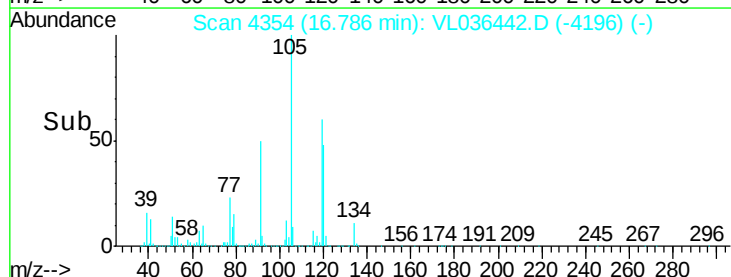
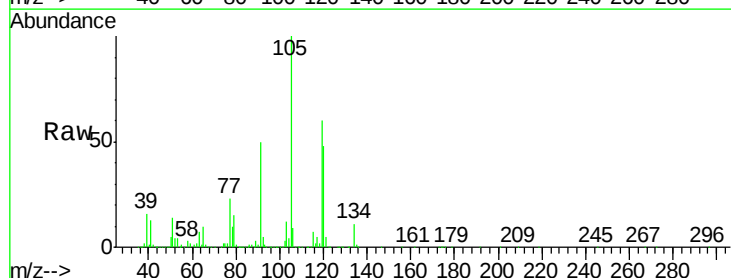
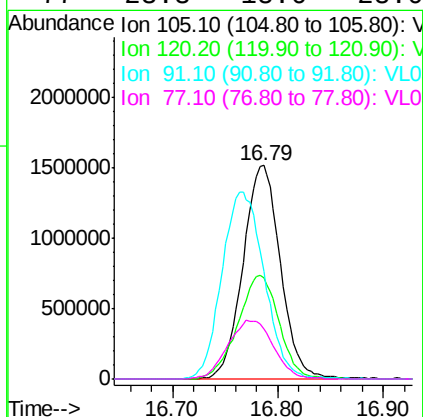
Manual Integrations
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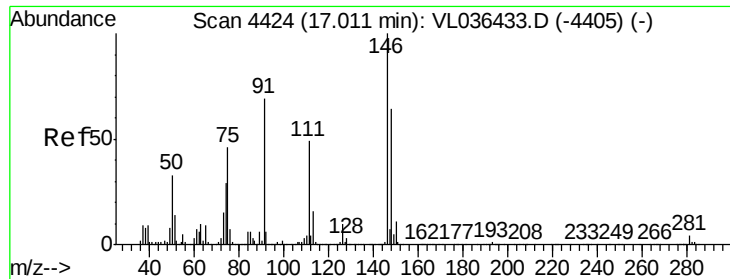
Reviewed By :Semsettin Yesilyurt 03/04/2021
 Supervised By :Mahesh Dadoda 03/04/2021



#74
 1,2,4-Trimethylbenzene
 Concen: 7.875 ppbv
 RT: 16.79 min Scan# 4354
 Delta R.T. 0.01 min
 Lab File: VL036442.D
 Acq: 3 Mar 2021 17:11

Tgt Ion:105 Resp: 3739064
 Ion Ratio Lower Upper
 105 100
 120 47.5 38.2 57.4
 91 49.7 42.6 63.8
 77 23.3 18.6 28.0





#75

1,3-Dichlorobenzene

Concen: 7.754 ppbv

RT: 17.02

Delta R.T. MSVOA_L

Lab File: ClientSampled :

Acq: 3 Mar 2021 17:11

Tot Ion:1

Ion Rati

146 100

111 49.

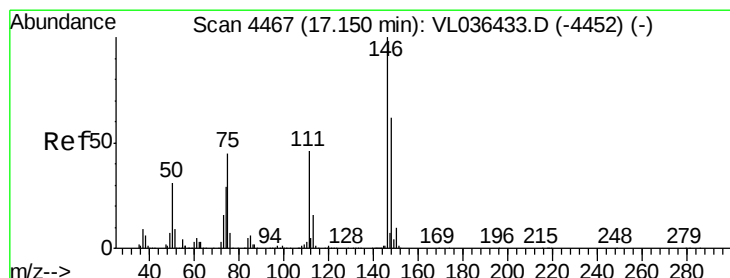
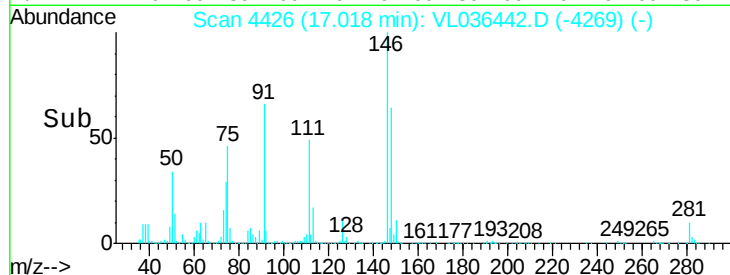
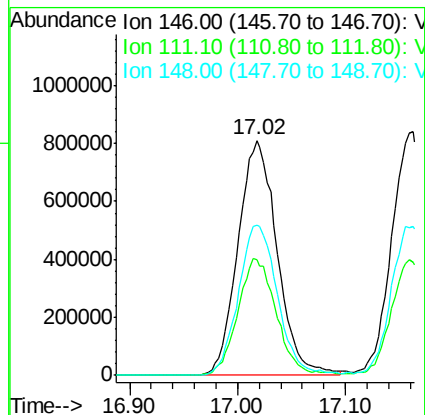
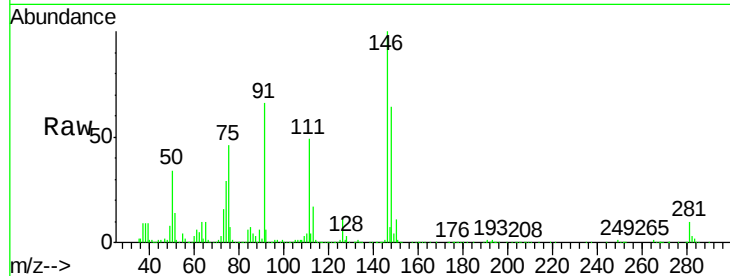
148 64.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/04/2021

Supervised By :Mahesh Dadoda 03/04/2021



#76

1,4-Dichlorobenzene

Concen: 7.547 ppbv

RT: 17.16 min Scan# 4471

Delta R.T. 0.01 min

Lab File: VL036442.D

Acq: 3 Mar 2021 17:11

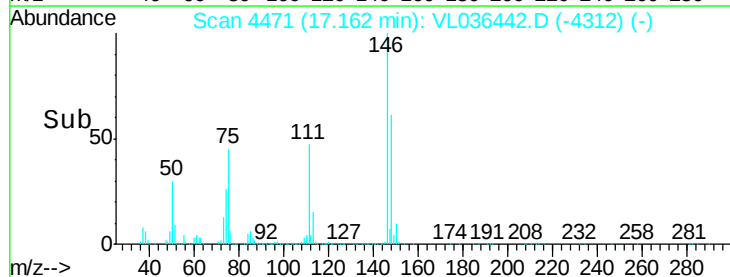
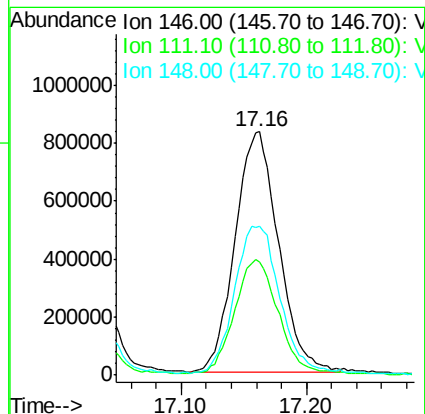
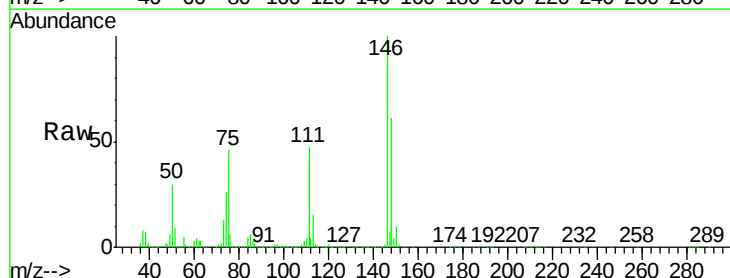
Tgt Ion:146 Resp: 1988407

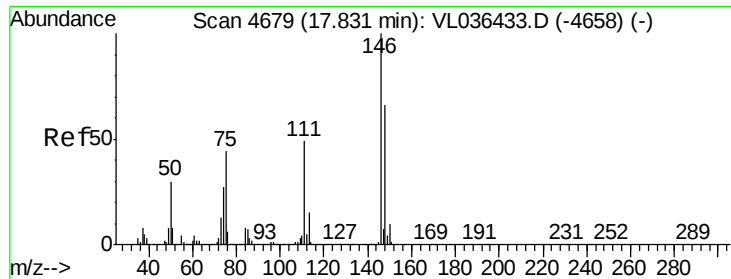
Ion Ratio Lower Upper

146 100

111 49.2 24.5 73.5

148 65.9 33.1 99.2





#77

1,2-Dichlorobenzene

Concen: 7.636 ppbv

RT: 17.84

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 3 Mar 2021 17:11

Tot Ion:1

Ion Rati

146 100

111 50.

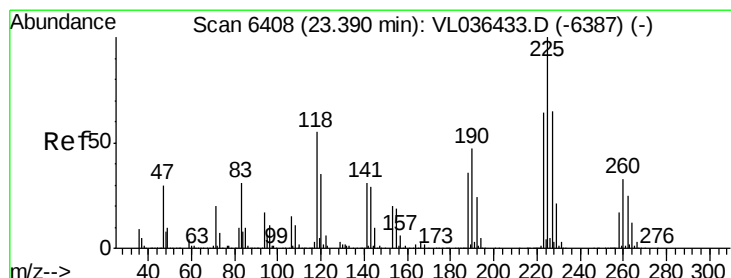
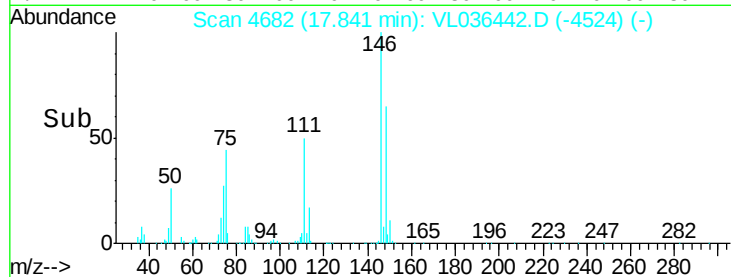
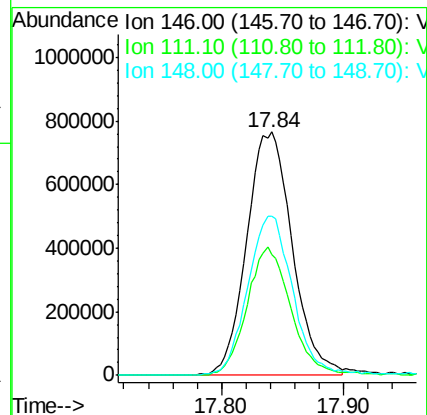
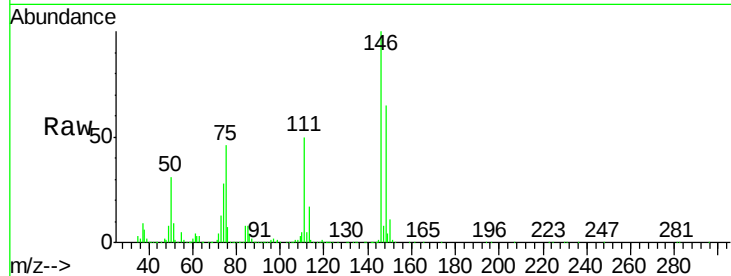
148 64.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/04/2021

Supervised By :Mahesh Dadoda 03/04/2021



#78

Hexachloro-1,3-Butadiene

Concen: 8.579 ppbv

RT: 23.40 min Scan# 6410

Delta R.T. 0.01 min

Lab File: VL036442.D

Acq: 3 Mar 2021 17:11

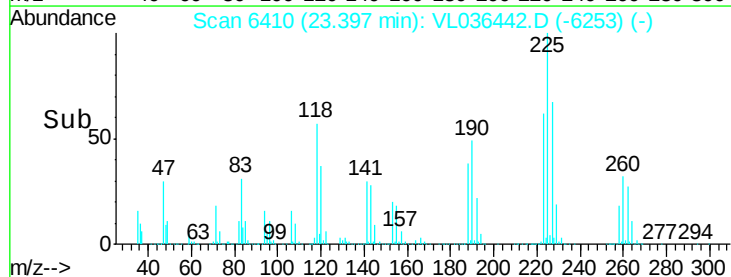
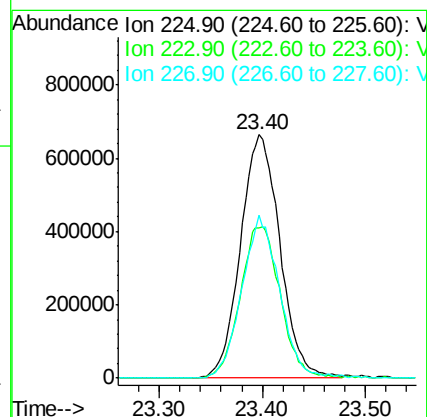
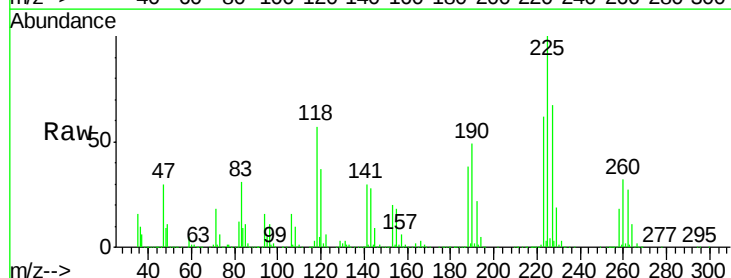
Tgt Ion:225 Resp: 1762533

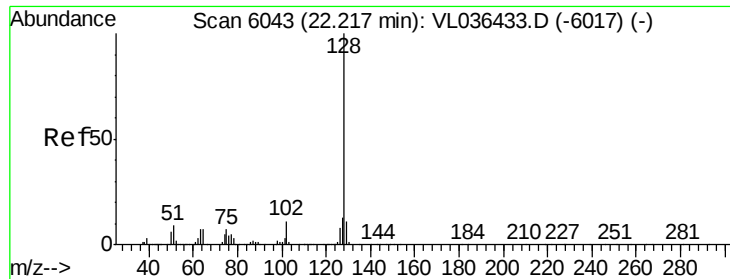
Ion Ratio Lower Upper

225 100

223 63.8 51.8 77.8

227 64.5 53.0 79.6



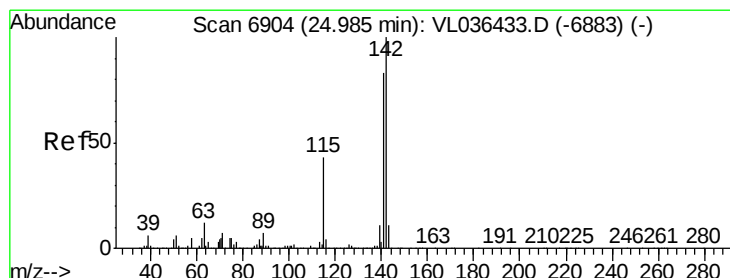
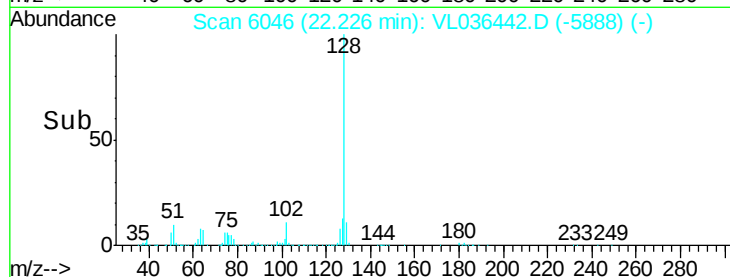
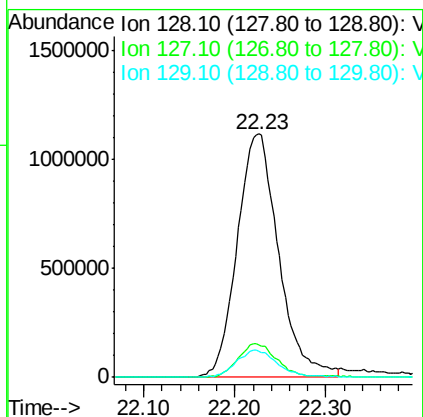
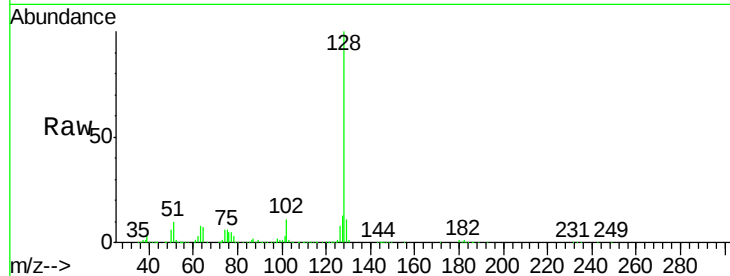


#79
Naphthalene
Concen: 12.728 ppbv
RT: 22.23
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL0303ABS01
Acq: 3 Mar 2021 17:11

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

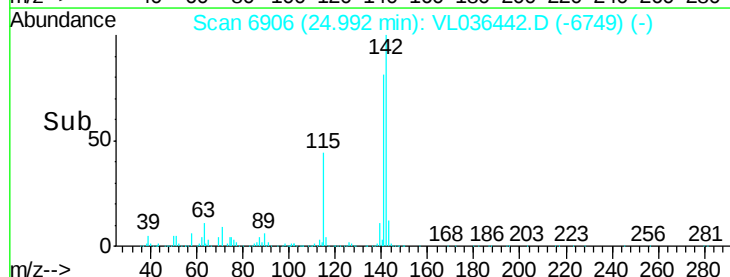
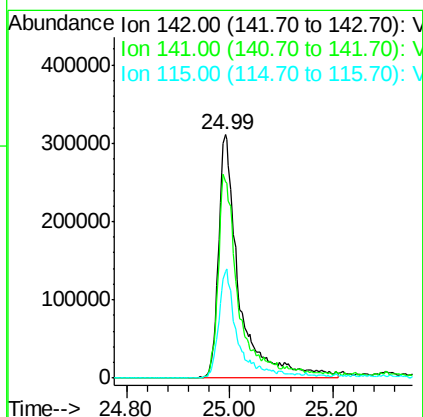
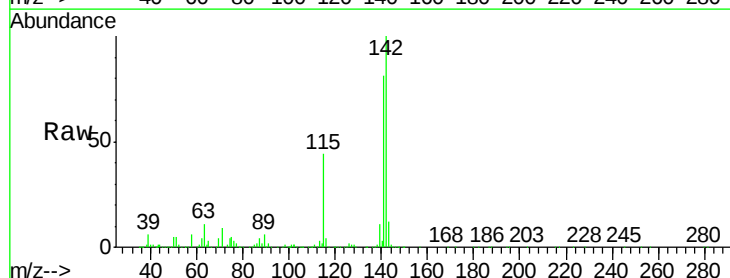
Manual Integrations
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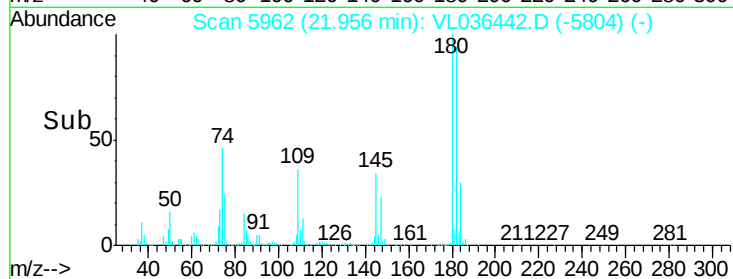
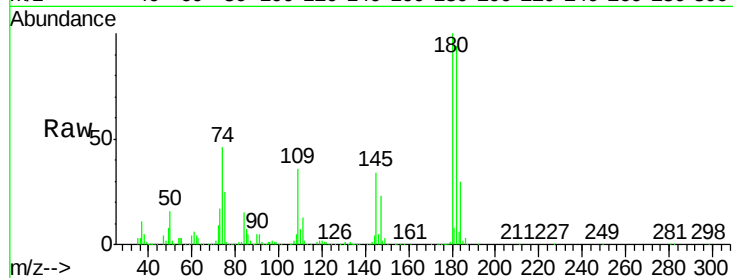
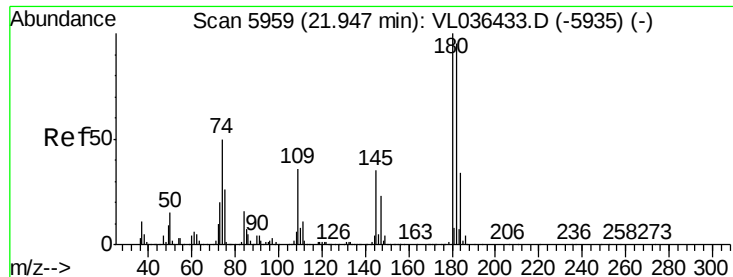
Reviewed By :Semsettin Yesilyurt 03/04/2021
Supervised By :Mahesh Dadoda 03/04/2021



#80
Naphthalene, 2-methyl-
Concen: 14.475 ppbv
RT: 24.99 min Scan# 6906
Delta R.T. 0.01 min
Lab File: VL036442.D
Acq: 3 Mar 2021 17:11

Tgt Ion:142 Resp: 870429
Ion Ratio Lower Upper
142 100
141 86.6 69.0 103.6
115 43.6 32.4 48.6





#81
 1,2,4-Trichlorobenzene
 Concen: 11.081 ppbv
 RT: 21.96
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 Acq: 3 Mar 2021 17.11

Tot Ion:1
 Ion Rati
 180 100
 182 100.
 184 31.

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/04/2021
 Supervised By :Mahesh Dadoda 03/04/2021

