

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL042021\
 Data File : VL036821.D
 Acq On : 20 Apr 2021 14:05
 Operator : SY/AP
 Sample : VL0420ABS01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VL0420ABS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 04/21/2021
 Supervised By : Mahesh Dadoda 04/21/2021

Quant Time: Apr 21 06:49:10 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Thu Mar 25 09:42:40 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1336498	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3440739	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	3101169m	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	2448152	9.90	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.00%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.05	85	1889482	8.668	ppbv	96
3) Chlorodifluoromethane	2.99	51	2552073	10.220	ppbv	100
4) Chloromethane	3.14	50	861582	9.768	ppbv	92
5) Vinyl Chloride	3.26	62	864007	9.527	ppbv	98
6) Bromomethane	3.47	94	481550	9.644	ppbv	99
7) Chloroethane	3.56	64	290836	9.333	ppbv	99
8) Dichlorotetrafluoroethane	3.19	85	1983950	9.536	ppbv	97
9) Propene	3.01	41	846031	10.628	ppbv	99
10) Heptane	8.13	43	2172000	10.710	ppbv	99
11) Trichlorofluoromethane	3.95	101	2026411	9.122	ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.49	101	1331976	9.378	ppbv	98
13) Ethanol	3.61	45	94751	9.995	ppbv	93
14) Bromoethene	3.74	108	582847	9.871	ppbv	98
15) Acetone	3.85	43	1194002	9.077	ppbv	99
16) 1,3-Butadiene	3.33	39	889018	9.708	ppbv	100
17) tert-Butyl alcohol	4.29	59	1256549	10.973	ppbv	99
18) 1,1-Dichloroethene	4.29	96	605413	9.583	ppbv	92
19) Isopropyl Alcohol	3.97	45	749963	10.364	ppbv #	97
20) Methylene Chloride	4.35	84	528644	8.583	ppbv	95
21) Allyl Chloride	4.41	41	1012333	9.654	ppbv	99
22) trans-1,2-Dichloroethene	4.89	96	620647	10.596	ppbv	95
23) Vinyl Acetate	5.08	43	2333385	10.370	ppbv	99
24) 1,1-Dichloroethane	5.02	63	1393899	8.499	ppbv	99
25) Ethyl Acetate	5.69	43	3343829	10.692	ppbv	99
26) Hexane	5.69	57	1553529	10.705	ppbv	99
27) Carbon Disulfide	4.56	76	1508529	10.552	ppbv	99
28) Methyl tert-Butyl Ether	5.04	73	1636968	9.564	ppbv	98
29) Chloroform	5.76	83	2472550	10.653	ppbv	100
30) Cyclohexane	7.14	84	1320991	11.223	ppbv	97
31) cis-1,2-Dichloroethene	5.56	61	1520672	10.833	ppbv	96
32) 1,1,1-Trichloroethane	6.52	97	2458552	10.511	ppbv	99
34) 2-Butanone	5.25	43	1649828	9.823	ppbv	98
35) Carbon Tetrachloride	7.03	117	2599848	9.838	ppbv	98
36) Benzene	6.90	78	3287735	10.361	ppbv	99
37) 1,2-Dichloroethane	6.31	62	1876757	10.049	ppbv	99
38) Trichloroethene	7.84	130	1187381	9.615	ppbv	98
39) 1,2-Dichloropropane	7.62	63	1268907	9.858	ppbv	97
40) 1,4-Dioxane	7.84	88	321716	10.738	ppbv	80
41) Tetrahydrofuran	6.06	42	796024	10.279	ppbv	96
42) Bromodichloromethane	7.80	83	2653853	10.446	ppbv	98
43) Methyl Methacrylate	8.02	69	1182301	11.095	ppbv	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.88	57	5469003	9.792	ppbv	99
45) t-1,3-Dichloropropene	9.29	75	1419009	11.662	ppbv	97
46) cis-1,3-Dichloropropene	8.71	75	1754036	11.278	ppbv	96
47) 1,1,2-Trichloroethane	9.48	97	1321925	10.139	ppbv	96
48) Dibromochloromethane	10.31	129	2197240	11.055	ppbv	99
49) Bromoform	13.06	173	1773978	11.077	ppbv	99
50) 4-Methyl-2-Pentanone	8.75	43	2537762	10.443	ppbv	99
51) 2-Hexanone	10.15	43	1353409	11.036	ppbv #	98
52) Tetrachloroethene	11.23	164	1097424	9.392	ppbv	94
53) Toluene	9.82	91	3670059	10.860	ppbv	100
54) 1,2-Dibromoethane	10.62	107	1898348	10.310	ppbv	96
56) 1,1,1,2-Tetrachloroethane	12.14	131	1469214	10.474	ppbv	100
57) Chlorobenzene	12.16	112	2703782	10.247	ppbv	99
58) Ethyl Benzene	12.73	91	4913973	10.892	ppbv	99
59) m/p-Xylene	13.01	91	8270145m	21.015	ppbv	
60) o-Xylene	13.71	91	3892500	10.230	ppbv	99
61) Styrene	13.54	104	2286130	11.942	ppbv	99
62) Isopropylbenzene	14.68	105	5260571	10.266	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.69	83	2837780	9.777	ppbv	100
64) n-propylbenzene	15.57	120	1380712	11.021	ppbv	98
65) tert-Butylbenzene	16.76	119	4593621	10.338	ppbv	100
66) Benzyl Chloride	17.00	91	639485	13.021	ppbv	99
67) sec-Butylbenzene	17.31	105	6464591	10.307	ppbv	100
69) p-Isopropyltoluene	17.67	119	5375068	10.975	ppbv	99
70) n-Butylbenzene	18.57	91	5548959	10.927	ppbv	99
71) 2-Chlorotoluene	15.46	91	4100632	10.680	ppbv	100
72) 4-Ethyltoluene	15.85	105	4546642	10.905	ppbv	99
73) 1,3,5-Trimethylbenzene	16.01	105	4190330	10.768	ppbv	99
74) 1,2,4-Trimethylbenzene	16.78	105	4294324	10.312	ppbv	93
75) 1,3-Dichlorobenzene	17.01	146	2515809	10.733	ppbv	99
76) 1,4-Dichlorobenzene	17.15	146	2436162	10.468	ppbv	100
77) 1,2-Dichlorobenzene	17.83	146	2405596	10.918	ppbv	99
78) Hexachloro-1,3-Butadiene	23.39	225	1800313	9.123	ppbv	99
79) Naphthalene	22.21	128	2888890	11.888	ppbv	100
80) Naphthalene, 2-methyl-	24.99	142	556923	11.622	ppbv	97
81) 1,2,4-Trichlorobenzene	21.95	180	1705668	11.368	ppbv	99

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

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Instrument :
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ClientSampleId :
VL0420ABS01

Manual Integrations
APPROVED

Quant Time: Apr 21 06:49:10 2021

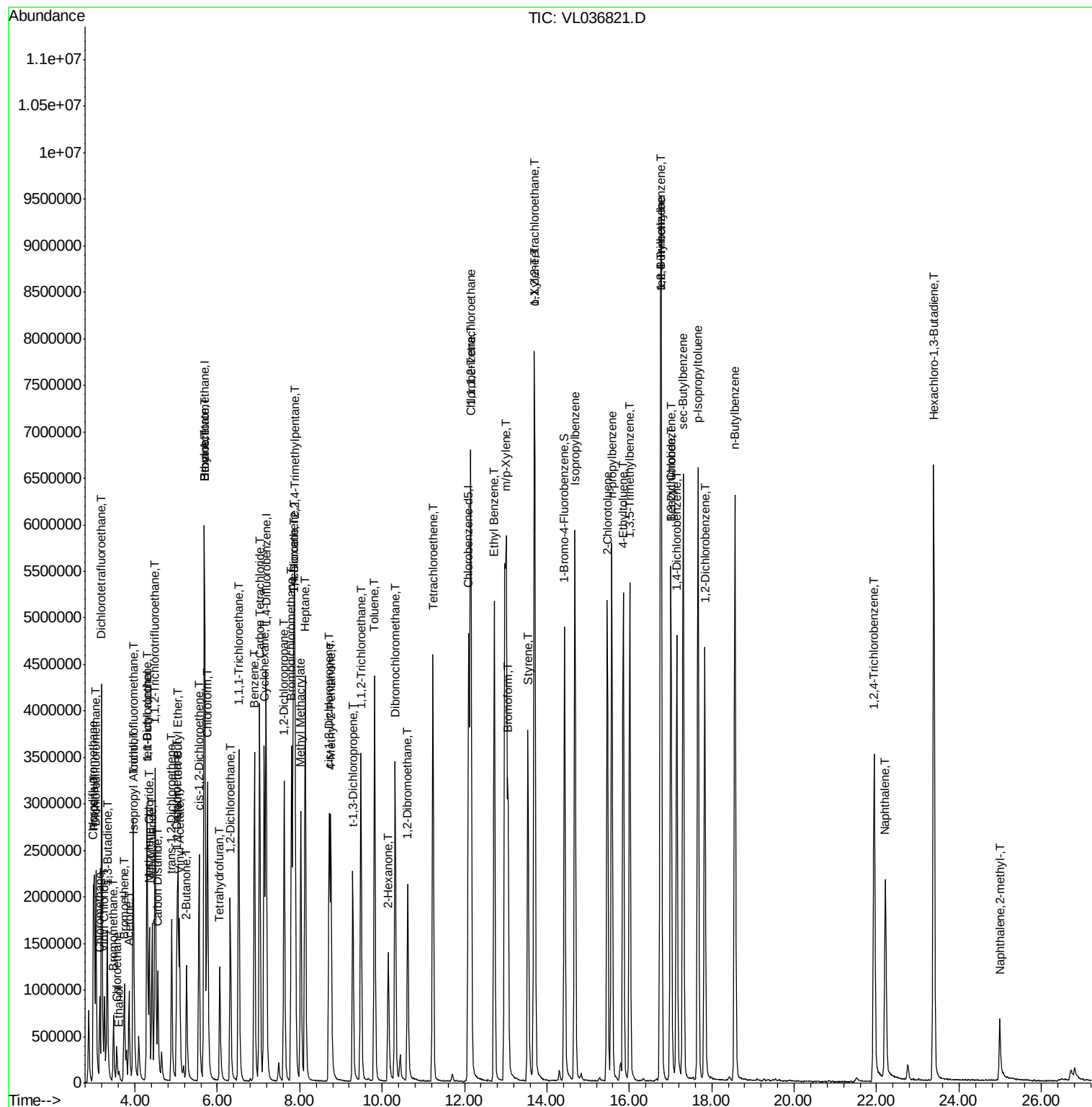
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521

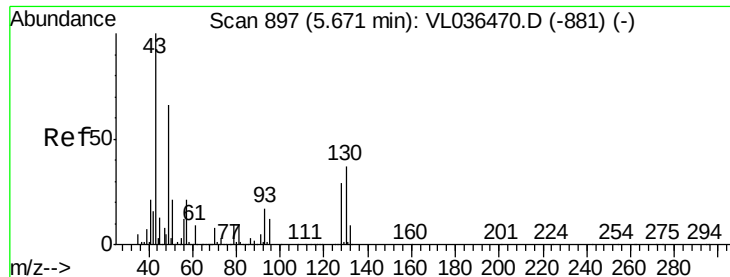
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:

QLast Update : Thu Mar 25 09:42:40 2021

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Supervised By :Mahesh Dadoda 04/21/2021





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 20 Apr 2021 14:05 VL0420ABS01

Tot Ion:

Ion Ratio

49 100

128 47.

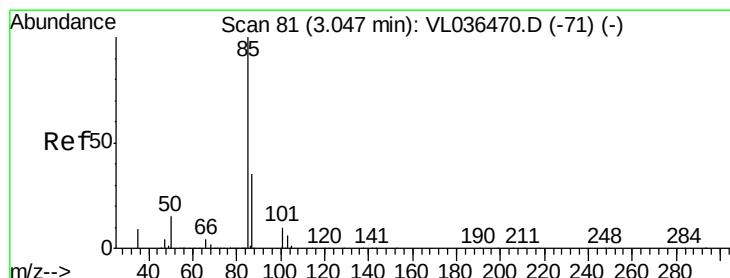
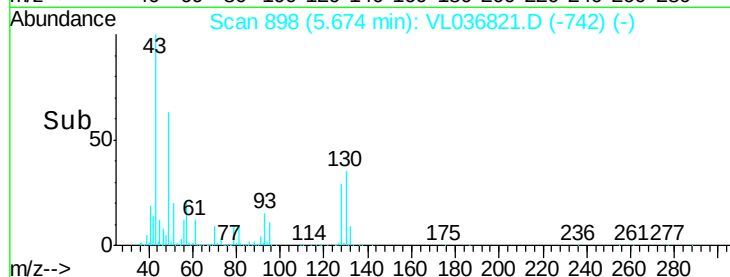
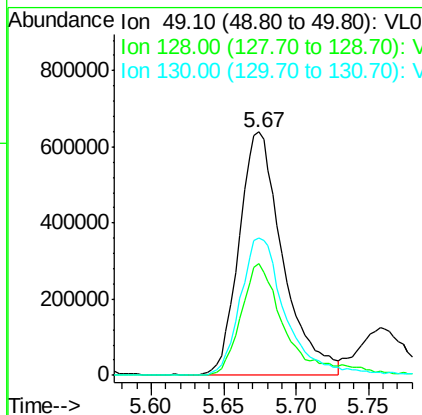
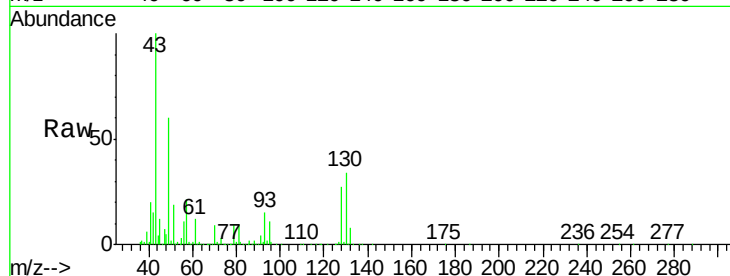
130 59.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/21/2021

Supervised By :Mahesh Dadoda 04/21/2021



#2

Dichlorodifluoromethane

Concen: 8.668 ppbv

RT: 3.05 min Scan# 82

Delta R.T. 0.00 min

Lab File: VL036821.D

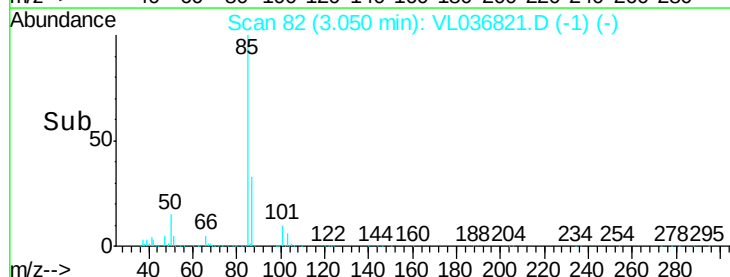
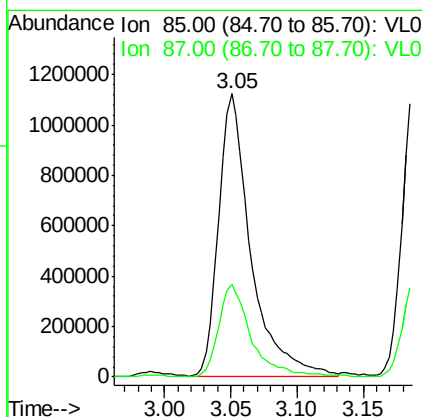
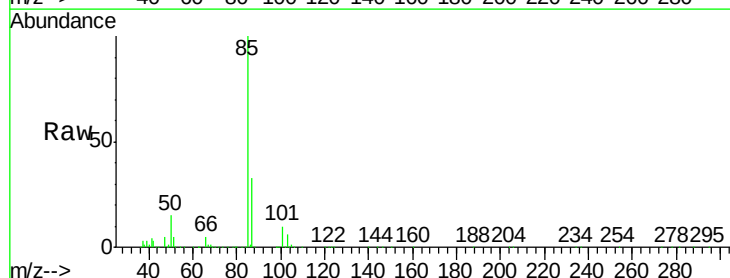
Acq: 20 Apr 2021 14:05

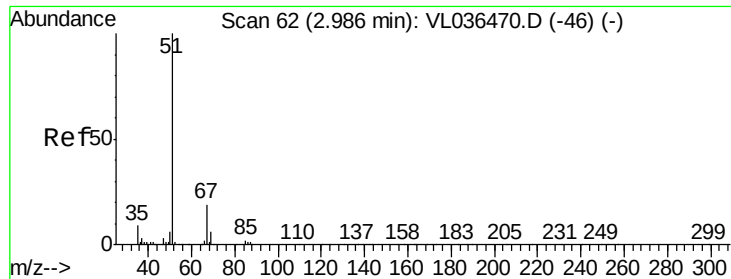
Tgt Ion: 85 Resp: 1889482

Ion Ratio Lower Upper

85 100

87 32.7 27.8 41.8





#3

Chlorodifluoromethane

Concen: 10.220 ppbv

RT: 2.99 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 20 Apr 2021 14:05 VL0420ABS01

Tot Ion:

Ion Ratio

51 100

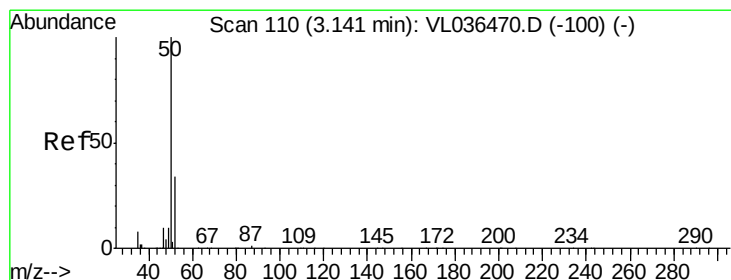
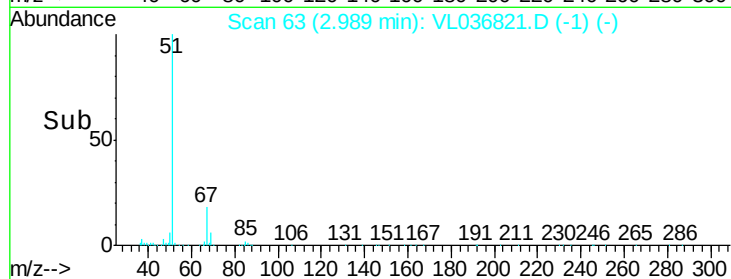
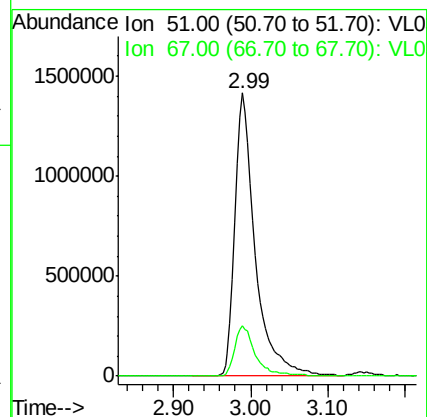
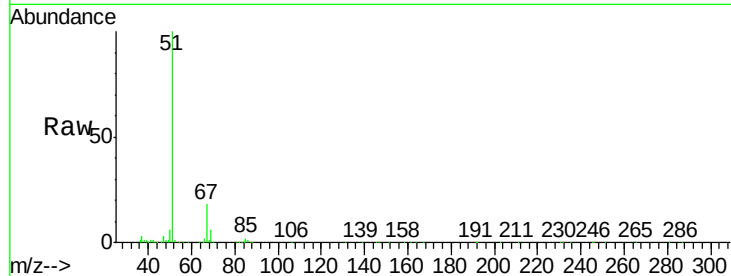
67 18.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/21/2021

Supervised By :Mahesh Dadoda 04/21/2021



#4

Chloromethane

Concen: 9.768 ppbv

RT: 3.14 min Scan# 110

Delta R.T. -0.00 min

Lab File: VL036821.D

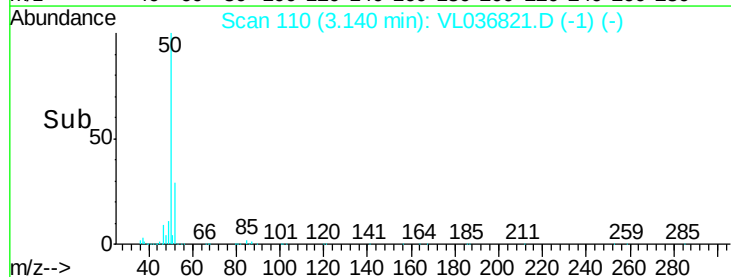
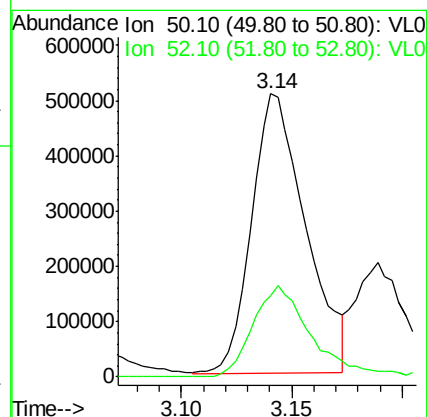
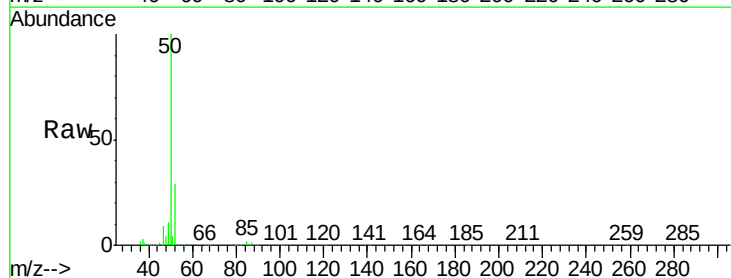
Acq: 20 Apr 2021 14:05

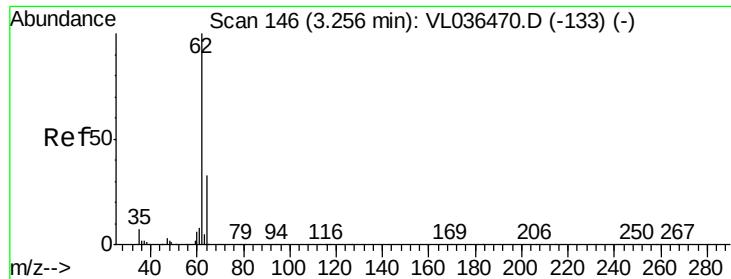
Tgt Ion: 50 Resp: 861582

Ion Ratio Lower Upper

50 100

52 29.0 27.0 40.6





#5

Vinyl Chloride

Concen: 9.527 ppbv

RT: 3.26 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 20 Apr 2021 14:05 VL0420ABS01

Tot Ion:

Ion Ratio

62 100

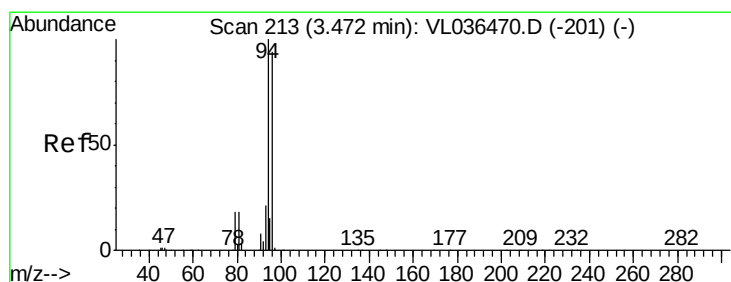
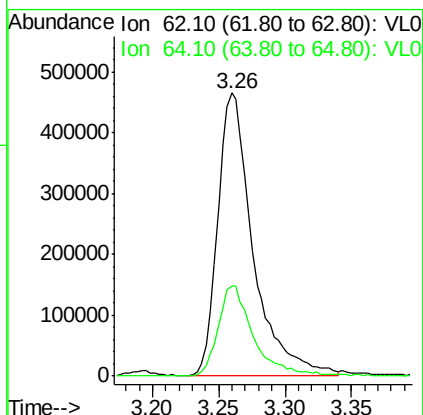
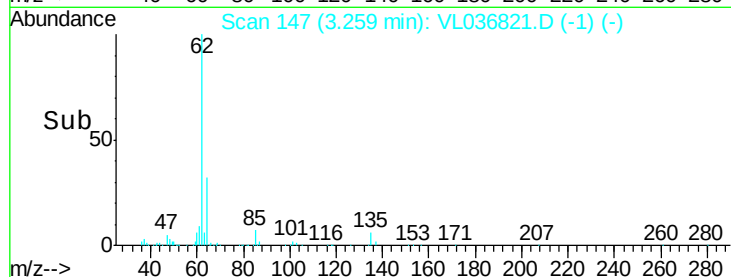
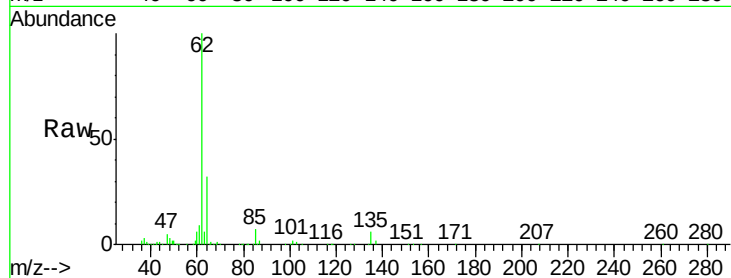
64 31.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/21/2021

Supervised By :Mahesh Dadoda 04/21/2021



#6

Bromomethane

Concen: 9.644 ppbv

RT: 3.47 min Scan# 214

Delta R.T. 0.00 min

Lab File: VL036821.D

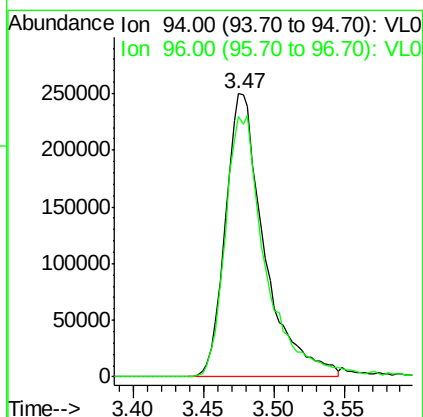
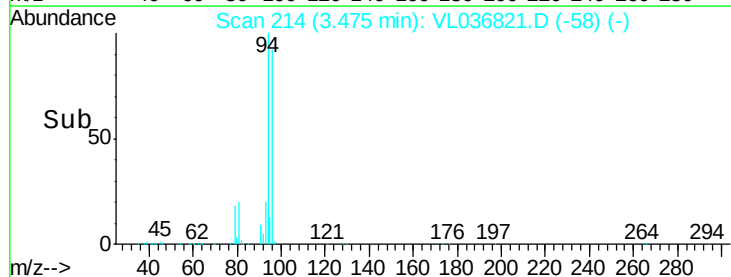
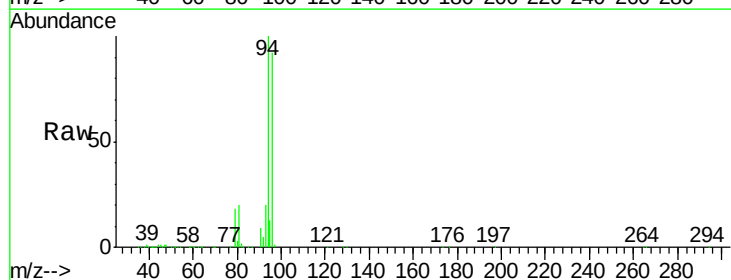
Acq: 20 Apr 2021 14:05

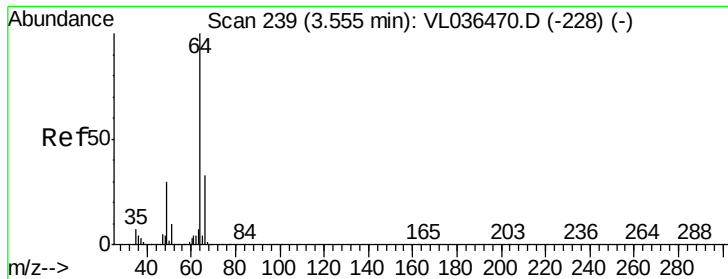
Tgt Ion: 94 Resp: 481550

Ion Ratio Lower Upper

94 100

96 92.2 74.9 112.3





#7

Chloroethane

Concen: 9.333 ppbv

RT: 3.56 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 20 Apr 2021 14:05 VL0420ABS01

Tot Ion:

Ion Ratio

64 100

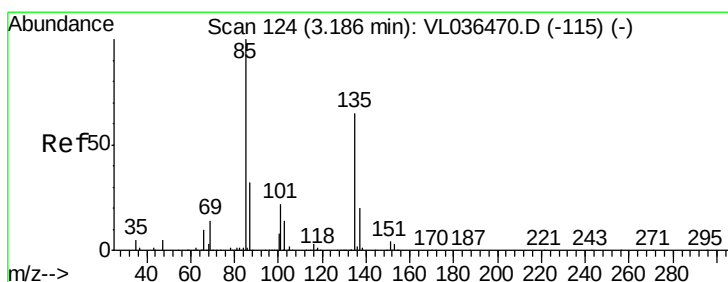
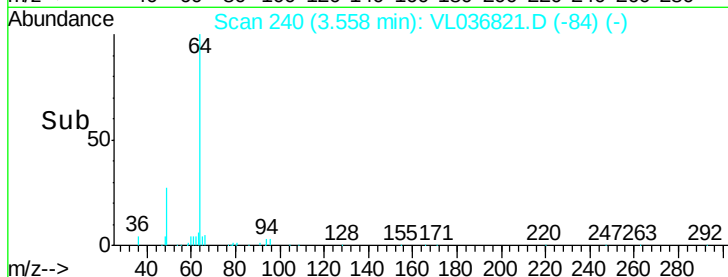
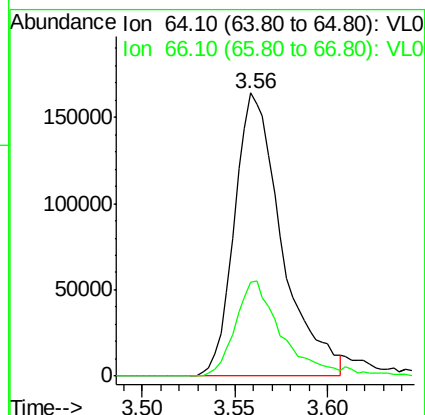
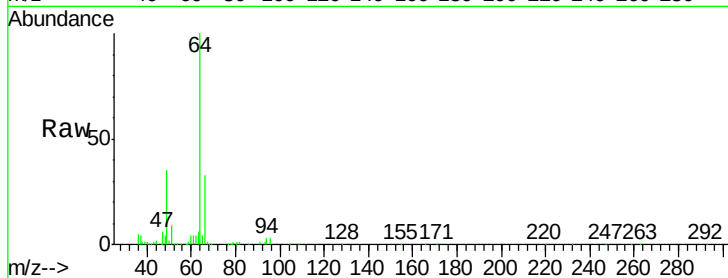
66 33.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/21/2021

Supervised By :Mahesh Dadoda 04/21/2021



#8

Dichlorotetrafluoroethane

Concen: 9.536 ppbv

RT: 3.19 min Scan# 125

Delta R.T. 0.00 min

Lab File: VL036821.D

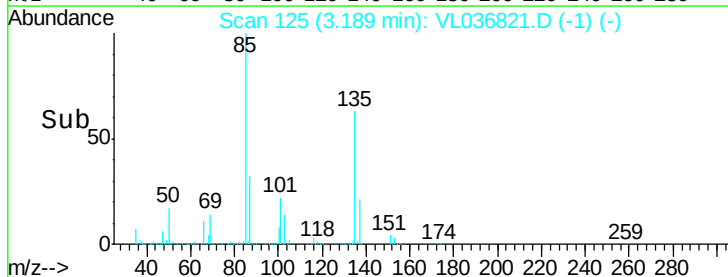
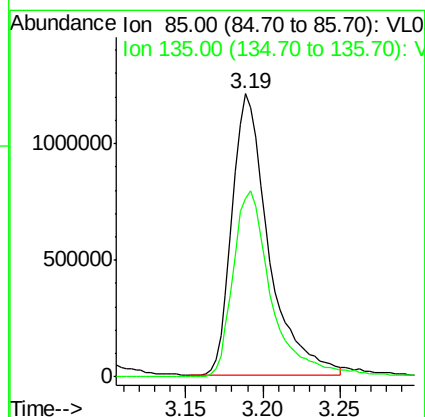
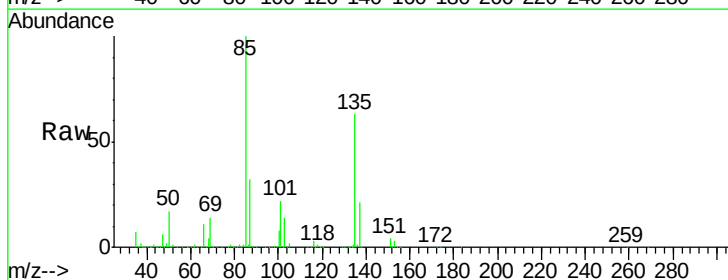
Acq: 20 Apr 2021 14:05

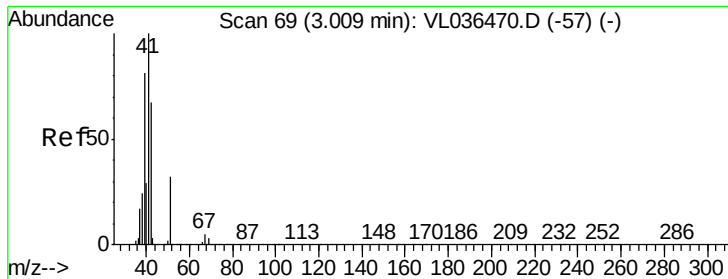
Tgt Ion: 85 Resp: 1983950

Ion Ratio Lower Upper

85 100

135 70.7 54.3 81.5



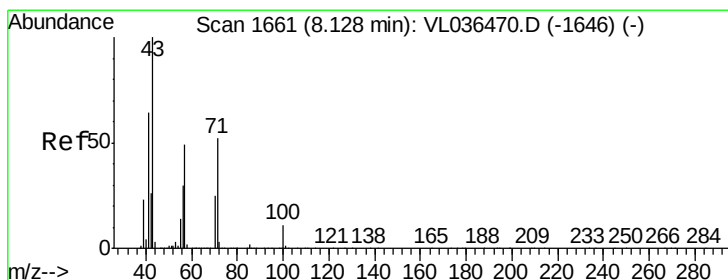
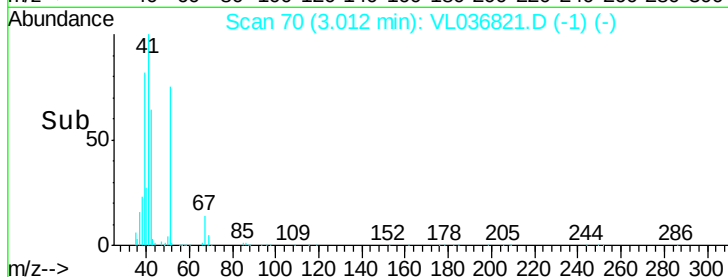
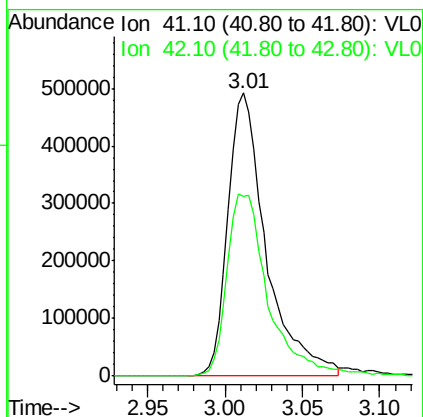
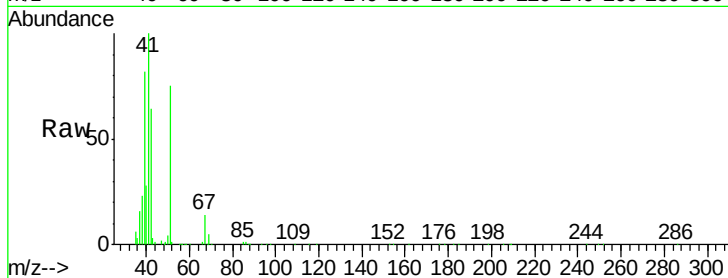


#9
 Propene
 Concen: 10.628 ppbv
 RT: 3.01
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL0420ABS01
 Acq: 20 Apr 2021 14:05

Tot Ion:
 Ion Ratio
 41 100
 42 70.

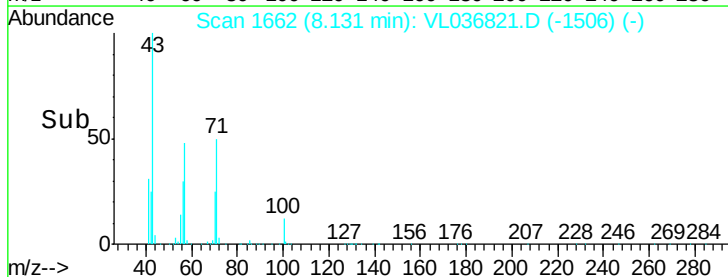
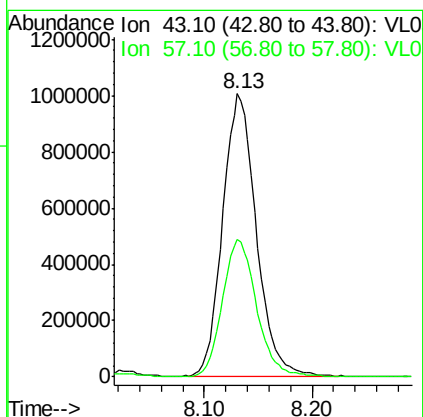
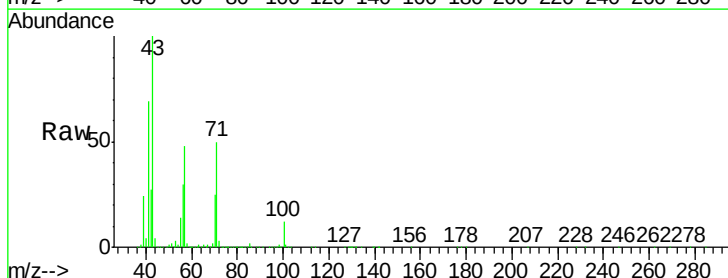
Manual Integrations
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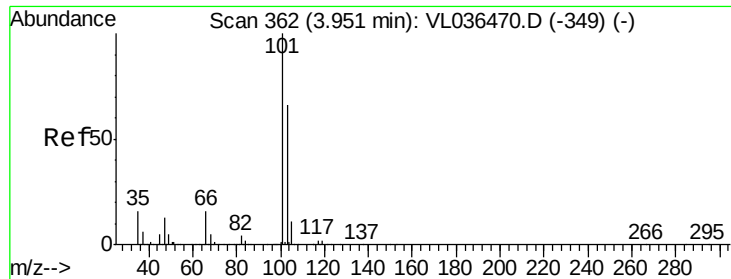
Reviewed By :Semsettin Yesilyurt 04/21/2021
 Supervised By :Mahesh Dadoda 04/21/2021



#10
 Heptane
 Concen: 10.710 ppbv
 RT: 8.13 min Scan# 1662
 Delta R.T. 0.00 min
 Lab File: VL036821.D
 Acq: 20 Apr 2021 14:05

Tgt Ion: 43 Resp: 2172000
 Ion Ratio Lower Upper
 43 100
 57 49.6 39.0 58.6



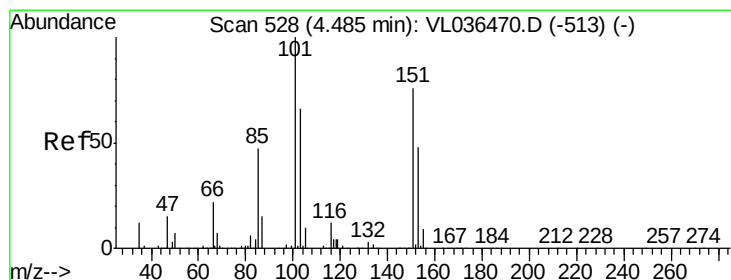
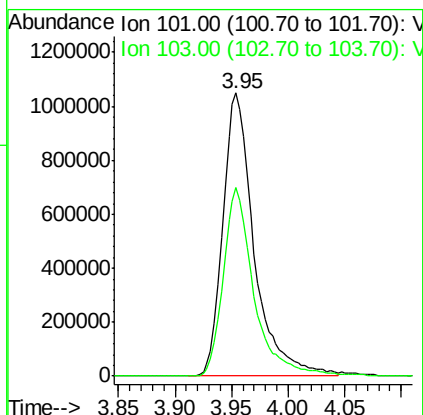
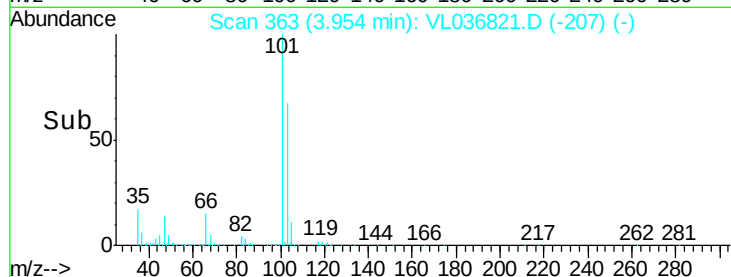
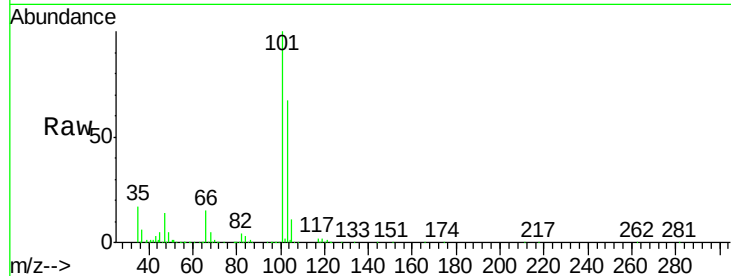


#11
 Trichlorofluoromethane
 Concen: 9.122 ppbv
 RT: 3.95
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL0420ABS01
 Acq: 20 Apr 2021 14:05

Tot Ion:1
 Ion Rati
 101 100
 103 66.

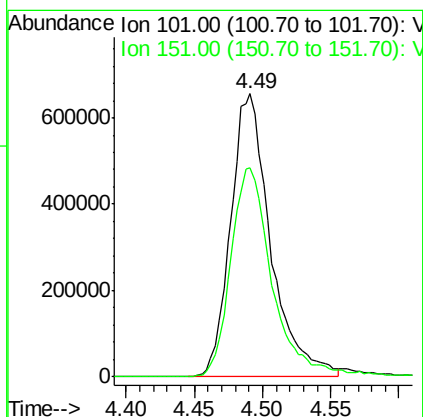
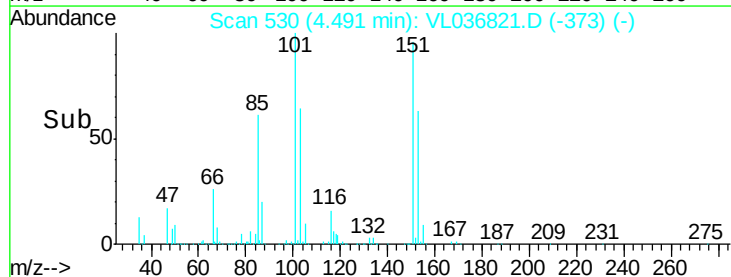
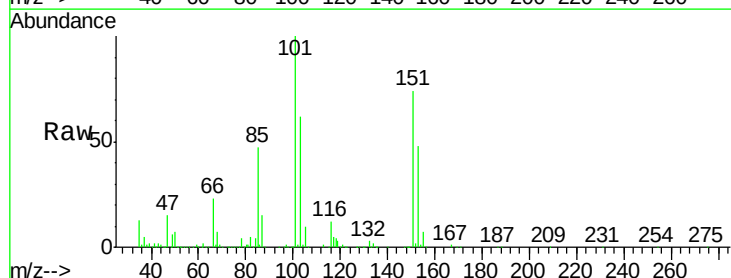
Manual Integrations
 APPROVED

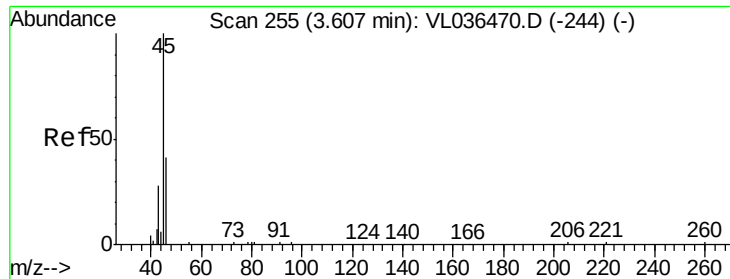
Reviewed By :Semsettin Yesilyurt 04/21/2021
 Supervised By :Mahesh Dadoda 04/21/2021



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.378 ppbv
 RT: 4.49 min Scan# 530
 Delta R.T. 0.01 min
 Lab File: VL036821.D
 Acq: 20 Apr 2021 14:05

Tgt Ion:101 Resp: 1331976
 Ion Ratio Lower Upper
 101 100
 151 77.4 60.9 91.3



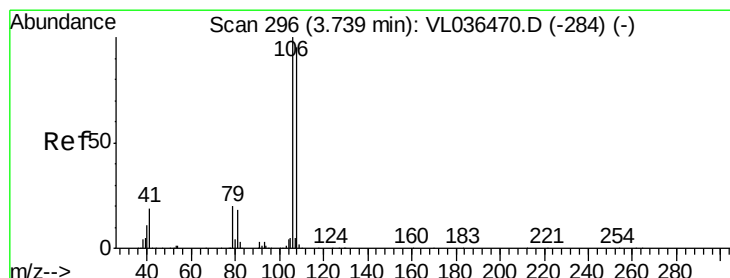
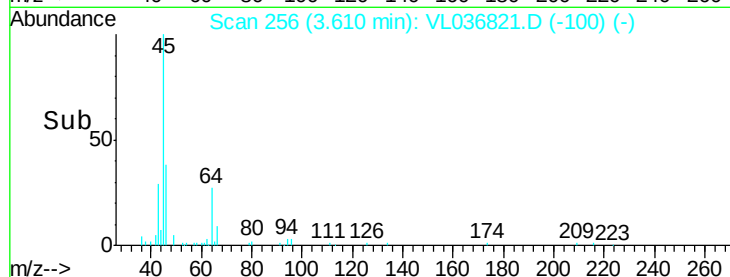
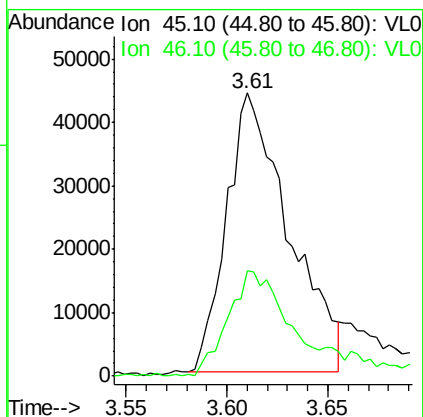
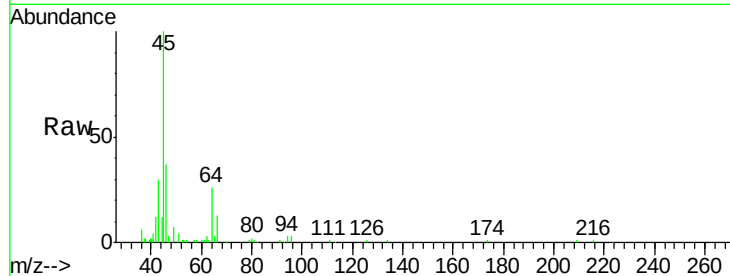


#13
Ethanol
Concen: 9.995 ppbv
RT: 3.61
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
VL0420ABS01
Acq: 20 Apr 2021 14:05

Tot Ion:
Ion Rati
45 100
46 45.

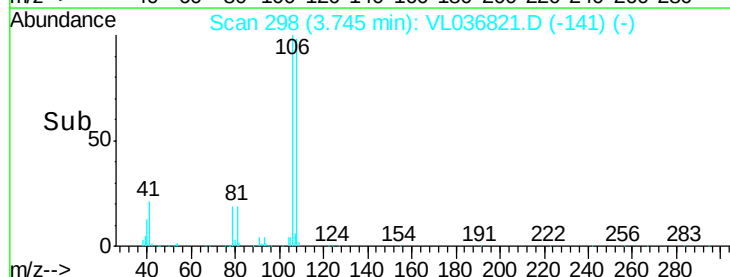
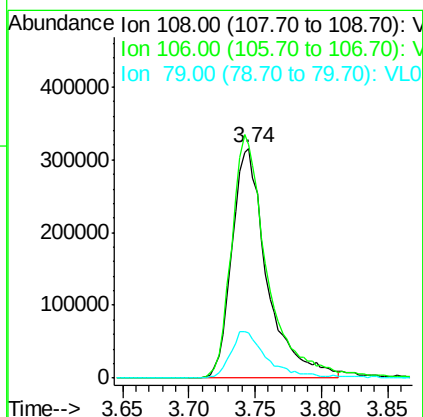
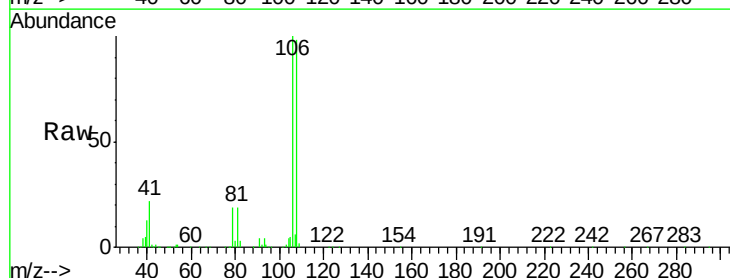
Manual Integrations
APPROVED

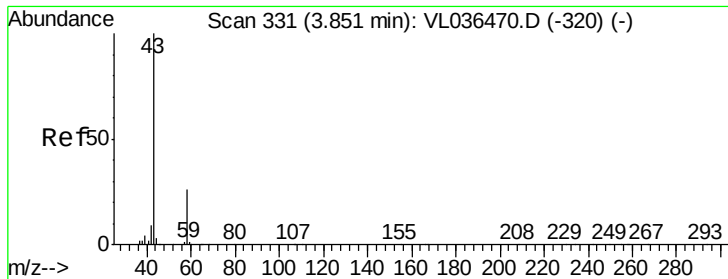
Reviewed By :Semsettin Yesilyurt 04/21/2021
Supervised By :Mahesh Dadoda 04/21/2021



#14
Bromoethene
Concen: 9.871 ppbv
RT: 3.74 min Scan# 298
Delta R.T. 0.01 min
Lab File: VL036821.D
Acq: 20 Apr 2021 14:05

Tgt Ion:108 Resp: 582847
Ion Ratio Lower Upper
108 100
106 109.3 89.0 133.6
79 21.9 16.6 25.0



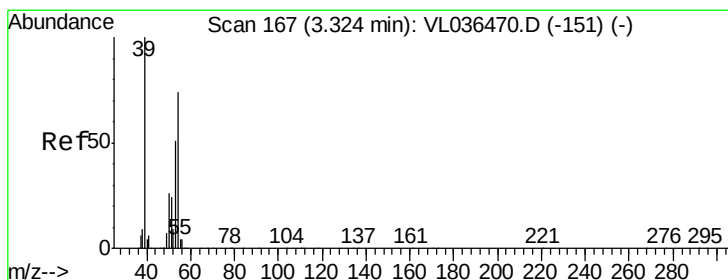
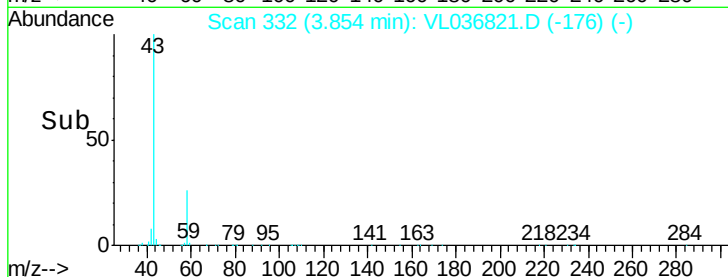
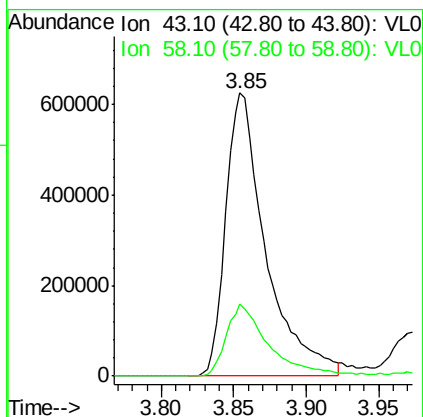
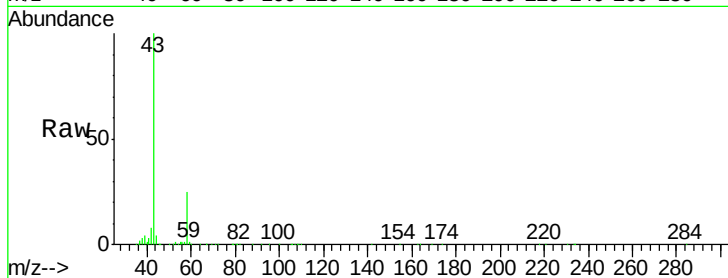


#15
Acetone
Concen: 9.077 ppbv
RT: 3.85
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 20 Apr 2021 14:05

Tot Ion:
Ion Ratio
43 100
58 26.

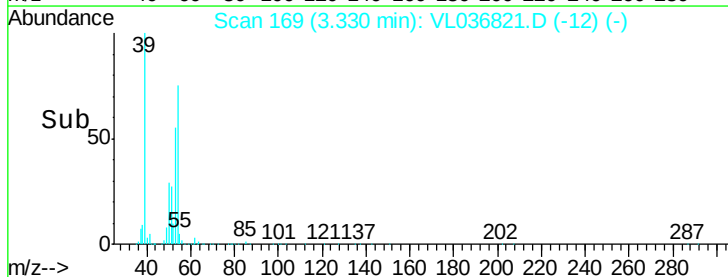
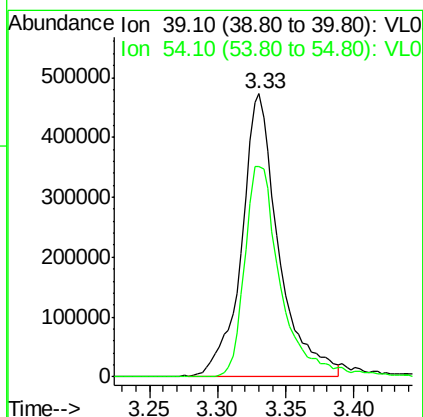
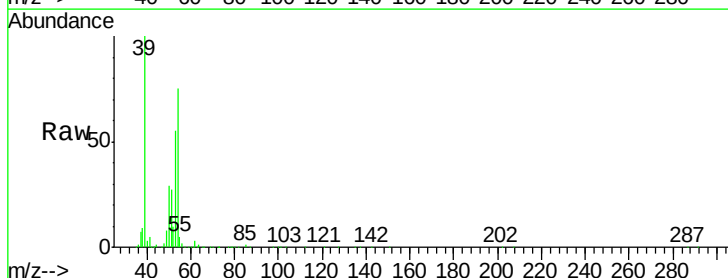
Manual Integrations
APPROVED

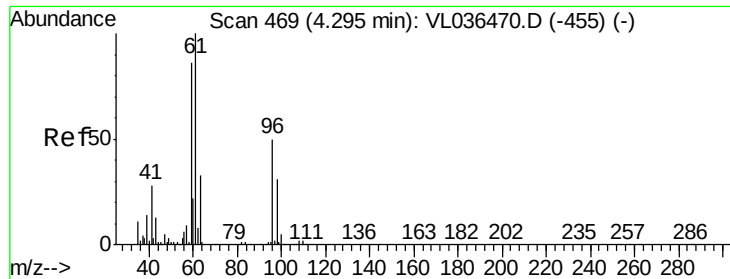
Reviewed By :Semsettin Yesilyurt 04/21/2021
Supervised By :Mahesh Dadoda 04/21/2021



#16
1,3-Butadiene
Concen: 9.708 ppbv
RT: 3.33 min Scan# 169
Delta R.T. 0.01 min
Lab File: VL036821.D
Acq: 20 Apr 2021 14:05

Tgt Ion: 39 Resp: 889018
Ion Ratio Lower Upper
39 100
54 73.7 58.8 88.2



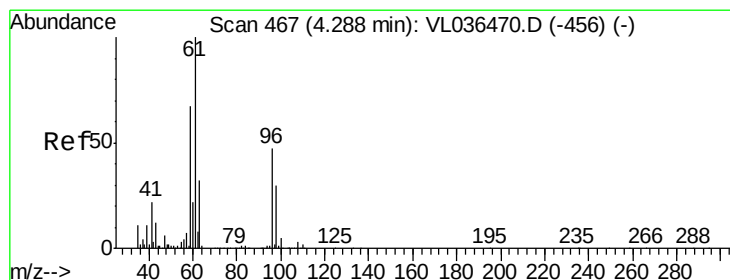
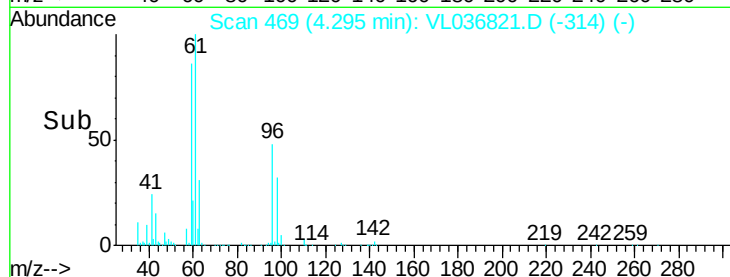
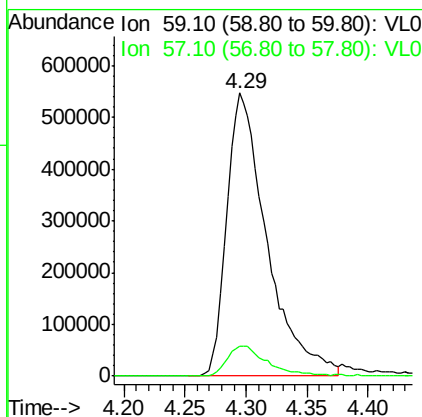
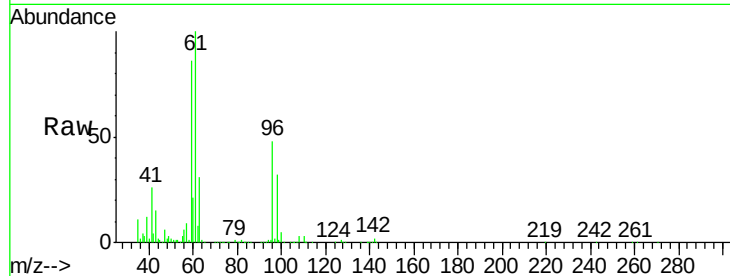


#17
 tert-Butyl alcohol
 Concen: 10.973 ppbv
 RT: 4.29
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL0420ABS01
 Acq: 20 Apr 2021 14:05

Tot Ion:
 Ion Ratio
 59 100
 57 11.

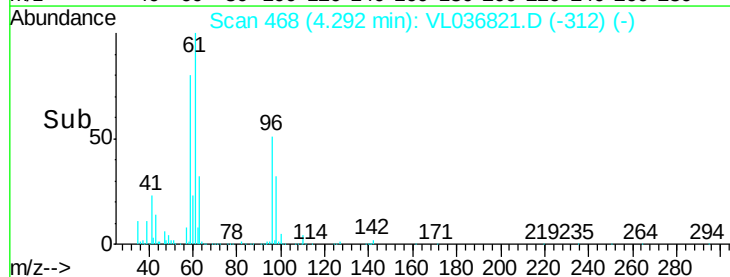
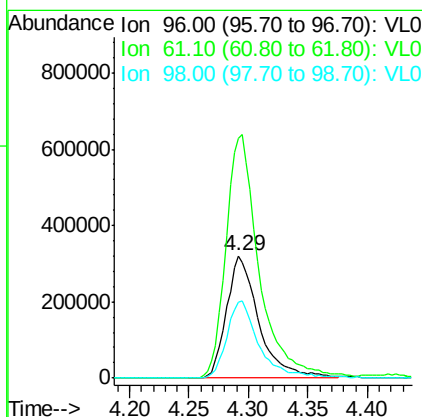
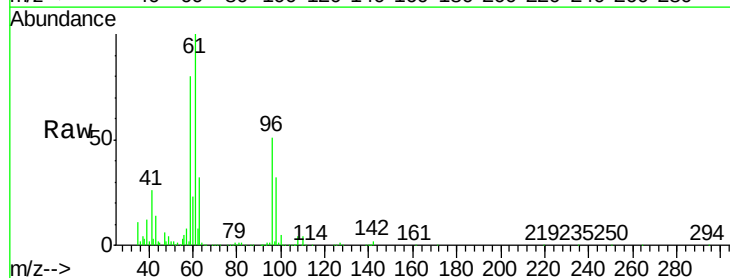
Manual Integrations
 APPROVED

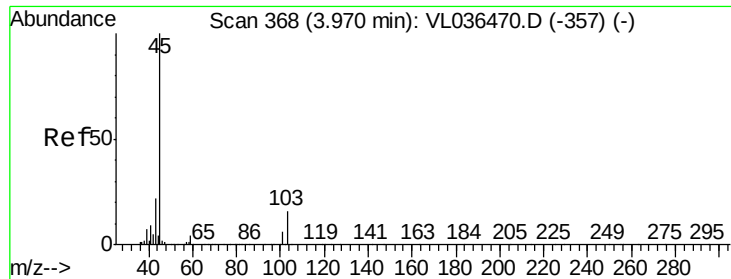
Reviewed By :Semsettin Yesilyurt 04/21/2021
 Supervised By :Mahesh Dadoda 04/21/2021



#18
 1,1-Dichloroethene
 Concen: 9.583 ppbv
 RT: 4.29 min Scan# 468
 Delta R.T.: 0.00 min
 Lab File: VL036821.D
 Acq: 20 Apr 2021 14:05

Tgt Ion: 96 Resp: 605413
 Ion Ratio Lower Upper
 96 100
 61 196.2 168.6 253.0
 98 62.0 50.8 76.2



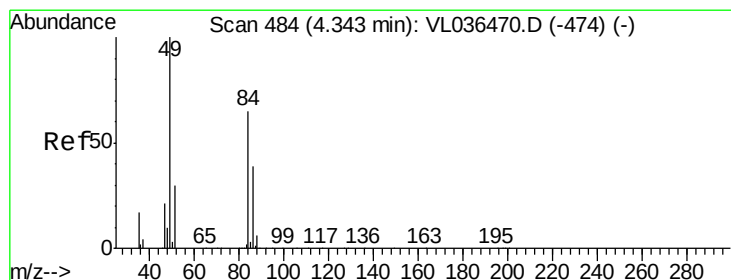
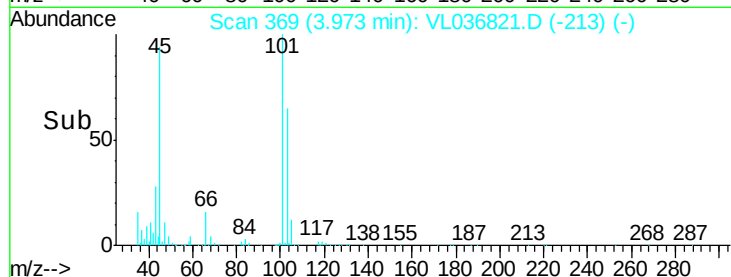
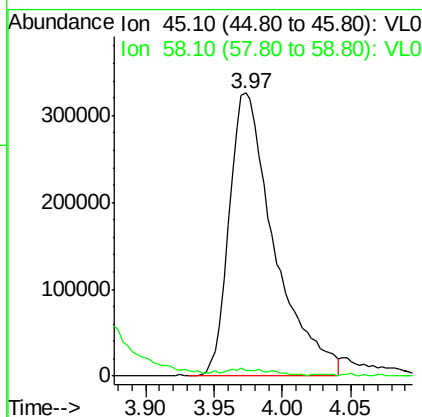
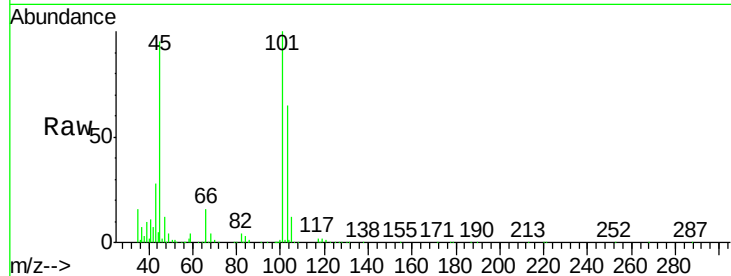


#19
Isopropyl Alcohol
Concen: 10.364 ppbv
RT: 3.97 min
Instrument: MSVOA_1
Delta R.T.: 0.00 min
Lab File: VL0420ABS01
Acq: 20 Apr 2021 14:05

Tot Ion:
Ion Ratio
45 100
58 2.

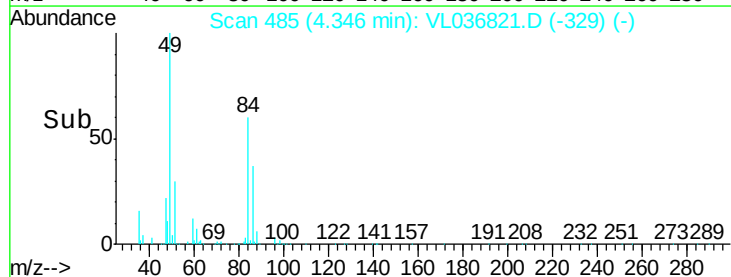
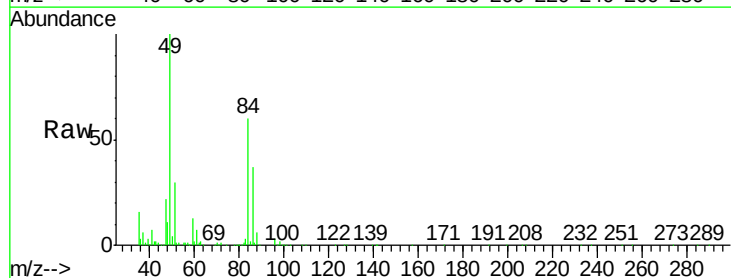
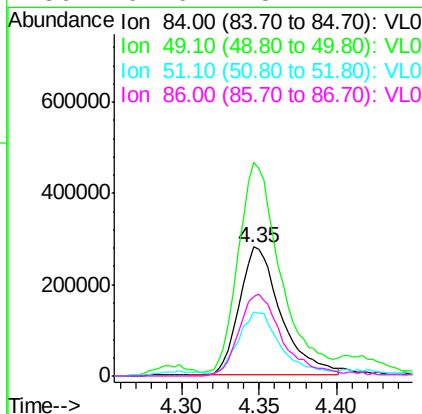
Manual Integrations
APPROVED

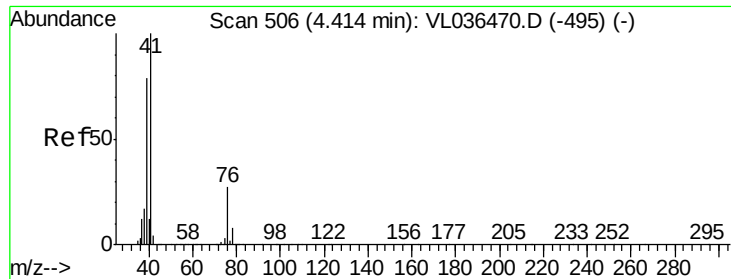
Reviewed By :Semsettin Yesilyurt 04/21/2021
Supervised By :Mahesh Dadoda 04/21/2021



#20
Methylene Chloride
Concen: 8.583 ppbv
RT: 4.35 min Scan# 485
Delta R.T.: 0.00 min
Lab File: VL036821.D
Acq: 20 Apr 2021 14:05

Tgt Ion: 84 Resp: 528644
Ion Ratio Lower Upper
84 100
49 162.0 122.9 184.3
51 47.5 36.9 55.3
86 61.6 48.2 72.4



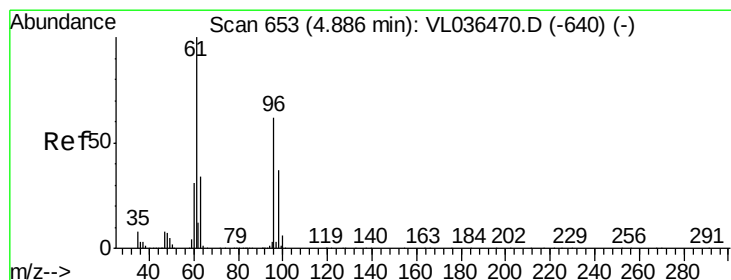
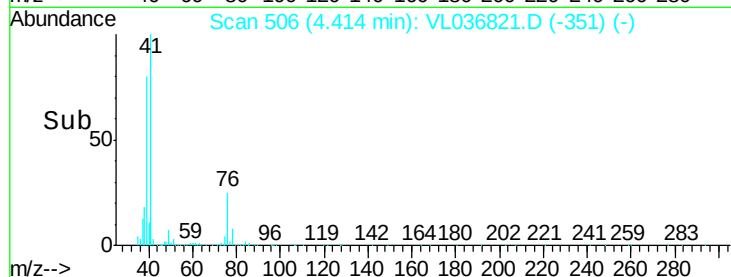
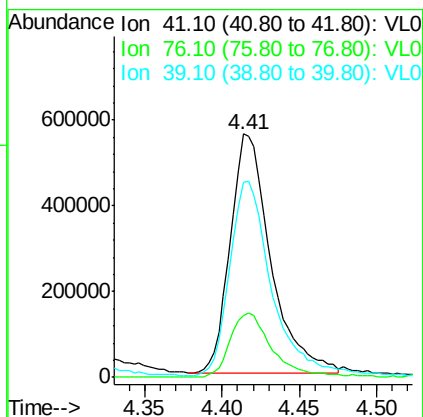
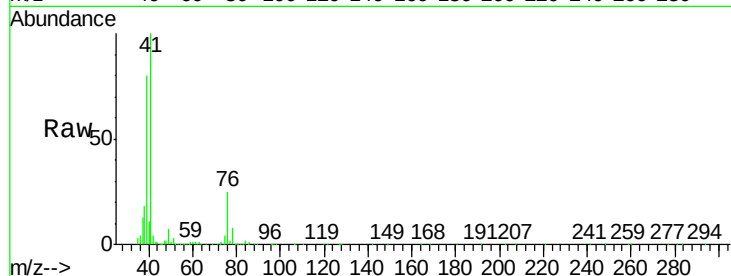


#21
Allvl Chloride
Concen: 9.654 ppbv
RT: 4.41
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 20 Apr 2021 14:05

Tot Ion:
Ion Ratio
41 100
76 28.
39 85.

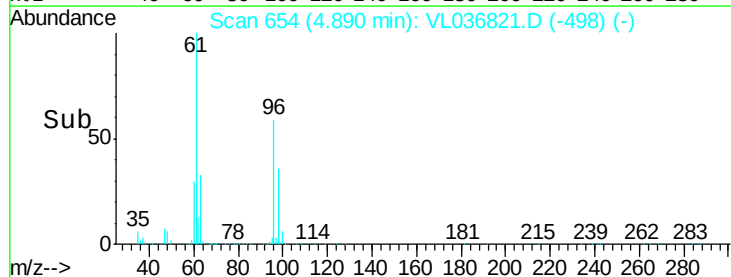
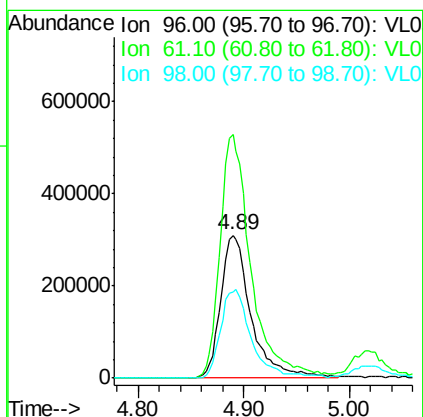
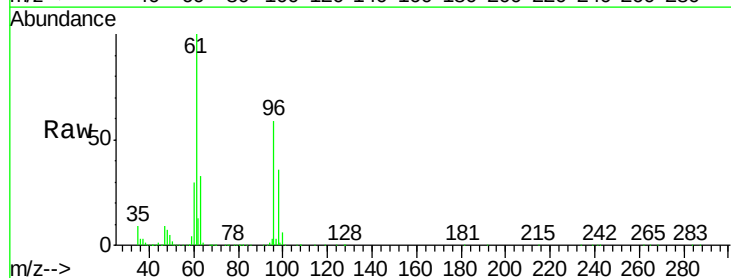
Manual Integrations
APPROVED

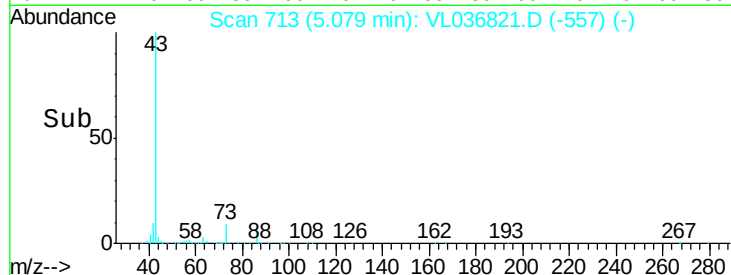
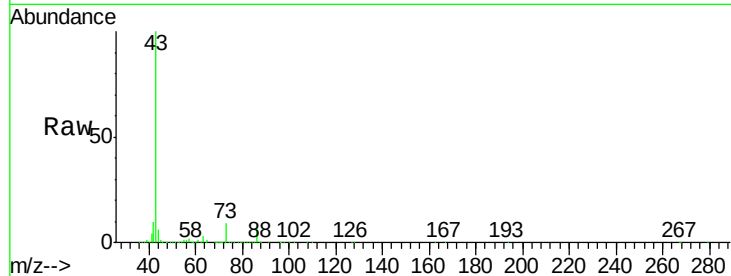
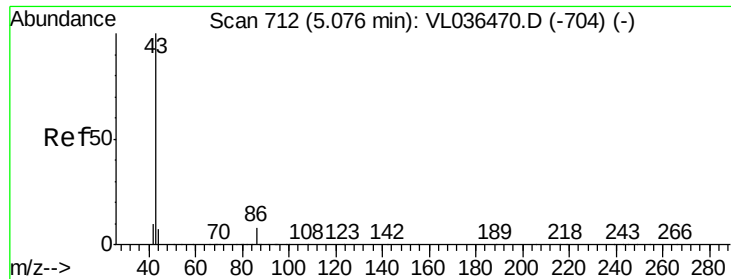
Reviewed By :Semsettin Yesilyurt 04/21/2021
Supervised By :Mahesh Dadoda 04/21/2021



#22
trans-1,2-Dichloroethene
Concen: 10.596 ppbv
RT: 4.89 min Scan# 654
Delta R.T. 0.00 min
Lab File: VL036821.D
Acq: 20 Apr 2021 14:05

Tgt Ion: 96 Resp: 620647
Ion Ratio Lower Upper
96 100
61 170.0 129.4 194.0
98 60.5 48.2 72.4



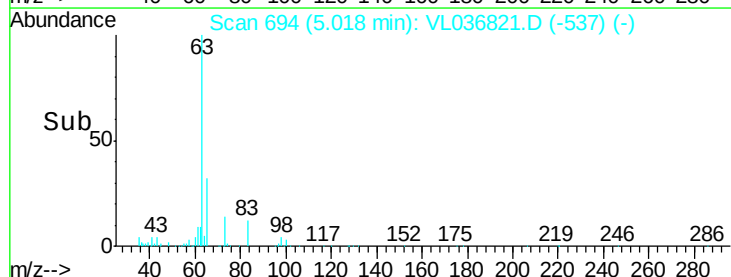
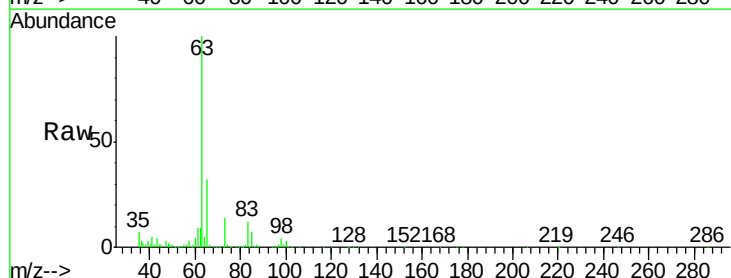
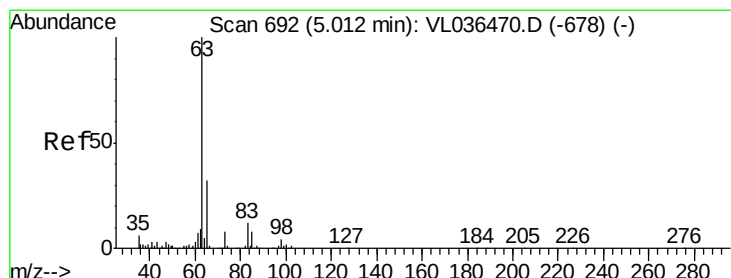
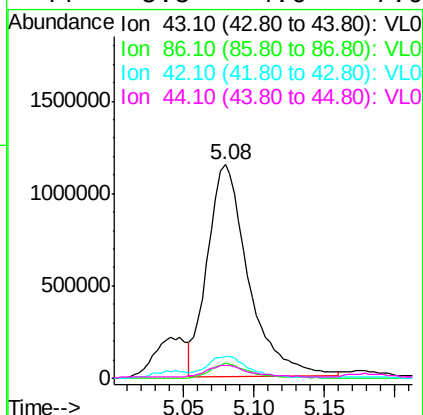


#23
 Vinyl Acetate
 Concen: 10.370 ppbv
 RT: 5.08
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VL0420ABS01
 Acq: 20 Apr 2021 14:05

Tot Ion:
 Ion Ratio
 43 100
 86 7.
 42 10.
 44 5.5 4.6 7.0

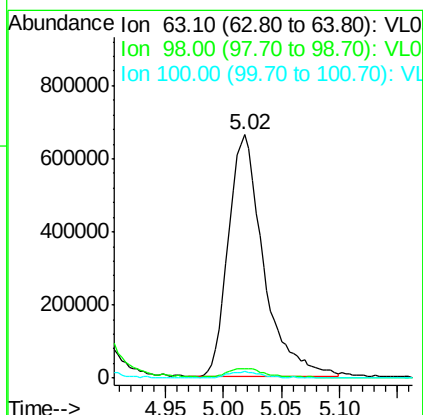
Manual Integrations
 APPROVED

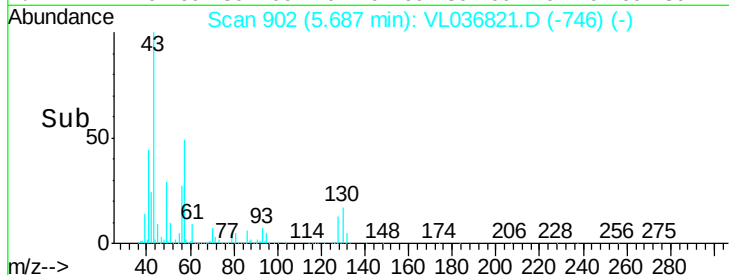
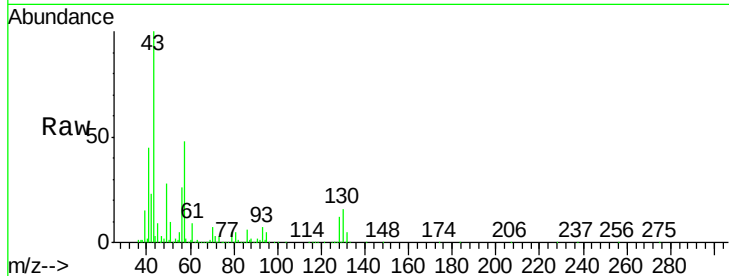
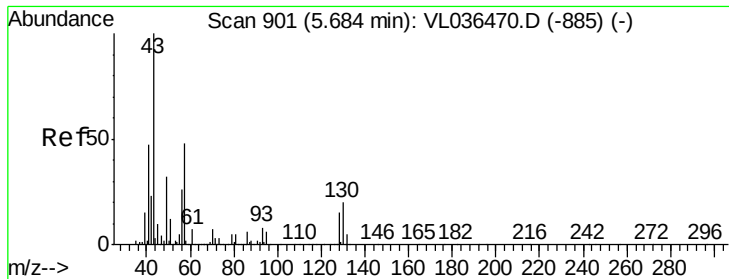
Reviewed By :Semsettin Yesilyurt 04/21/2021
 Supervised By :Mahesh Dadoda 04/21/2021



#24
 1,1-Dichloroethane
 Concen: 8.499 ppbv
 RT: 5.02 min Scan# 694
 Delta R.T. 0.01 min
 Lab File: VL036821.D
 Acq: 20 Apr 2021 14:05

Tgt Ion: 63 Resp: 1393899
 Ion Ratio Lower Upper
 63 100
 98 3.9 2.1 6.2
 100 2.4 0.9 2.8



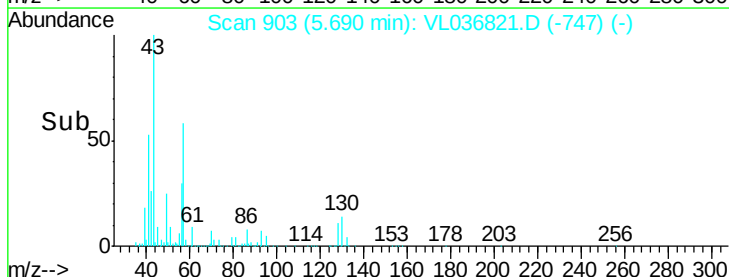
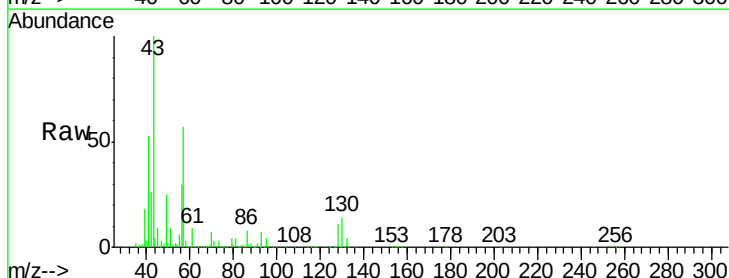
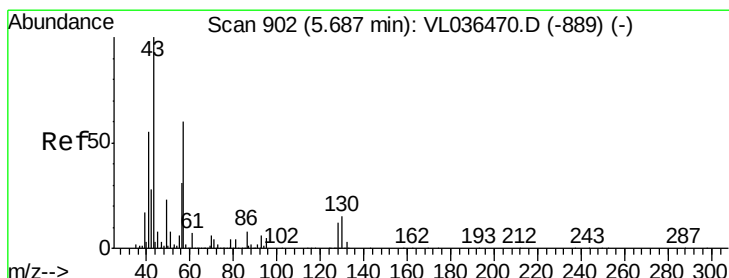
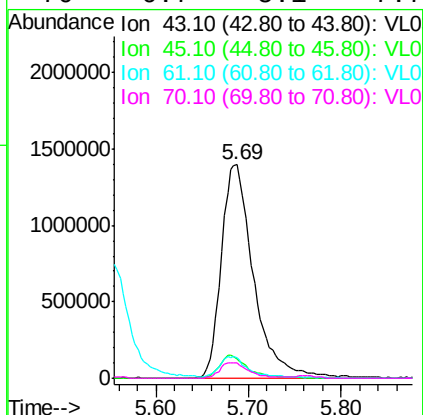


#25
Ethyl Acetate
Concen: 10.692 ppbv
RT: 5.69 min
Instrument: MSVOA_1
Delta R.T.: 0.00 min
Lab File: VL0420ABS01
Acq: 20 Apr 2021 14:05

Tot Ion: 43.10 (42.80 to 43.80): VL0
Ion Ratio: 43 100, 45 9., 61 9., 70 6.7, 5.1, 7.7

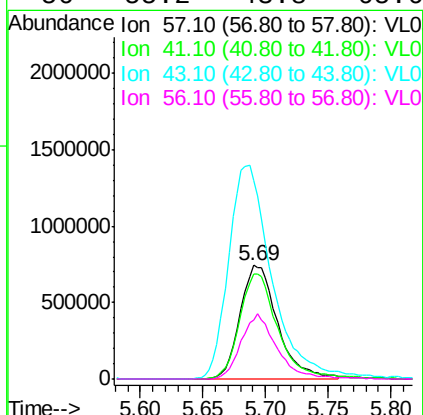
Manual Integrations
APPROVED

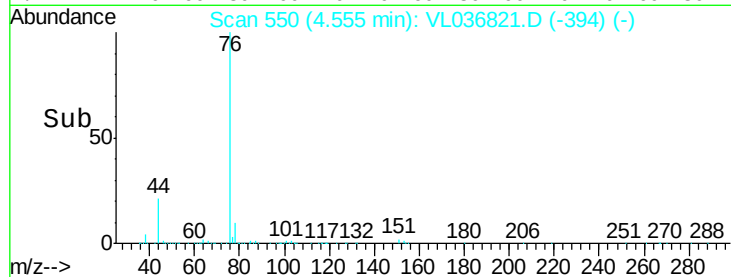
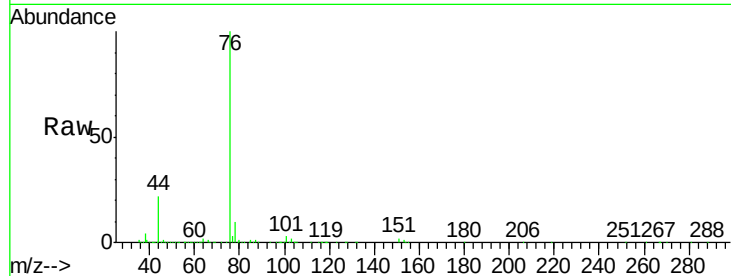
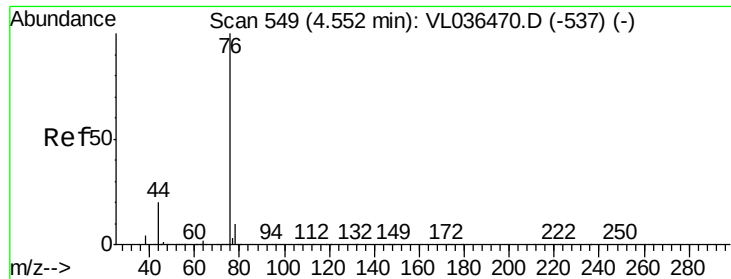
Reviewed By : Semsettin Yesilyurt 04/21/2021
Supervised By : Mahesh Dadoda 04/21/2021



#26
Hexane
Concen: 10.705 ppbv
RT: 5.69 min Scan# 903
Delta R.T.: 0.00 min
Lab File: VL036821.D
Acq: 20 Apr 2021 14:05

Tgt Ion: 57 Resp: 1553529
Ion Ratio Lower Upper
57 100
41 95.6 77.2 115.8
43 217.7 173.8 260.6
56 55.2 43.8 65.6





#27

Carbon Disulfide

Concen: 10.552 ppbv

RT: 4.56 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 20 Apr 2021 14:05 VL0420ABS01

Tot Ion:

Ion Ratio

76 100

44 21.

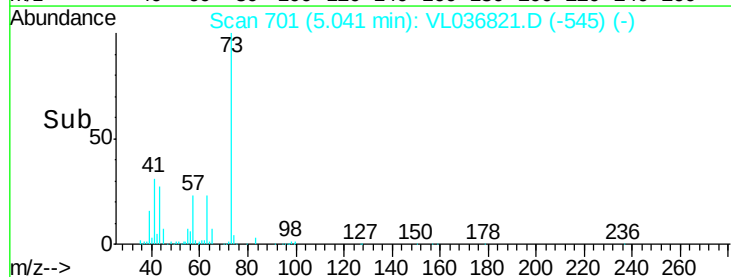
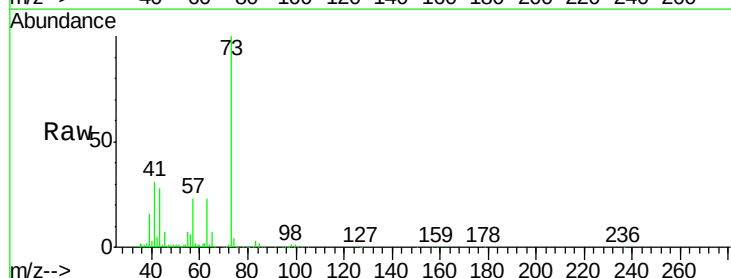
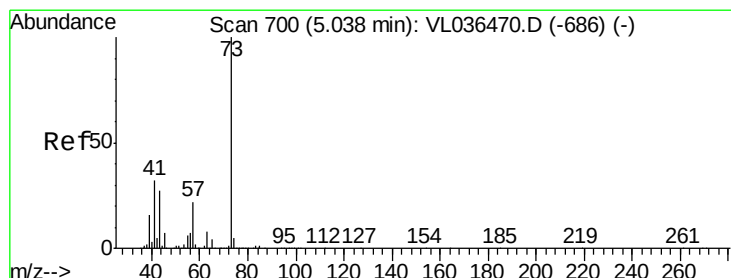
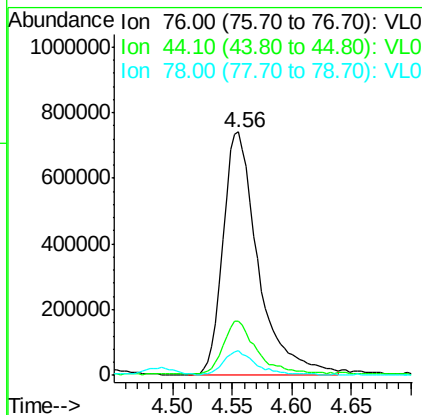
78 10.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/21/2021

Supervised By :Mahesh Dadoda 04/21/2021



#28

Methyl tert-Butyl Ether

Concen: 9.564 ppbv

RT: 5.04 min Scan# 701

Delta R.T. 0.00 min

Lab File: VL036821.D

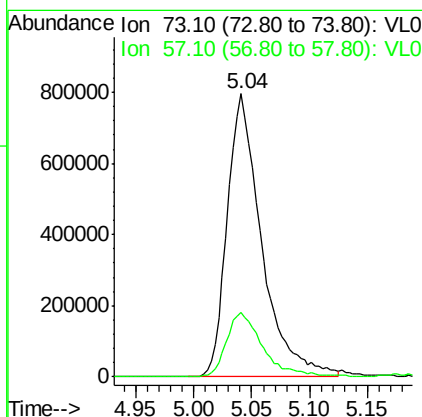
Acq: 20 Apr 2021 14:05

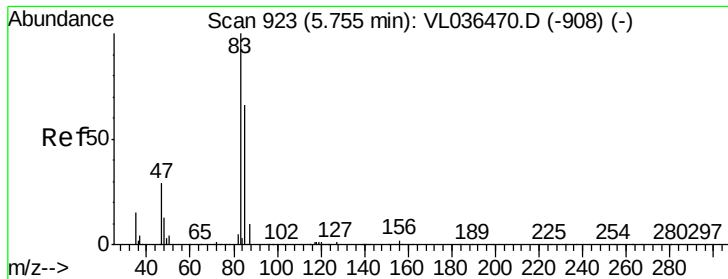
Tgt Ion: 73 Resp: 1636968

Ion Ratio Lower Upper

73 100

57 24.1 18.5 27.7



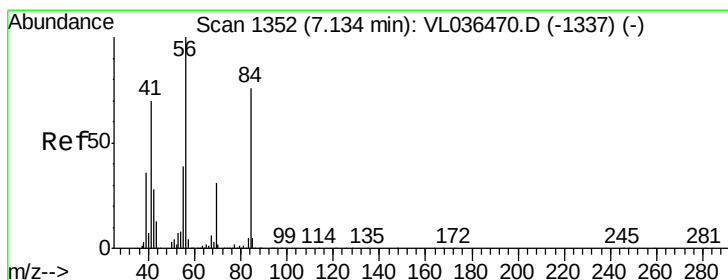
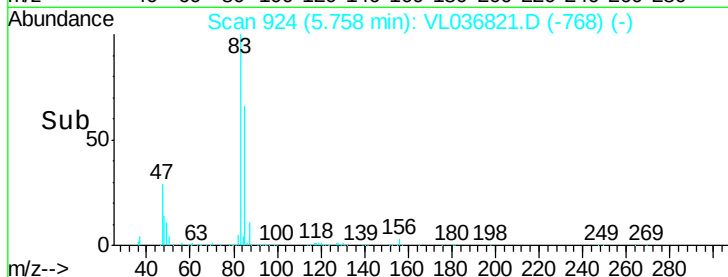
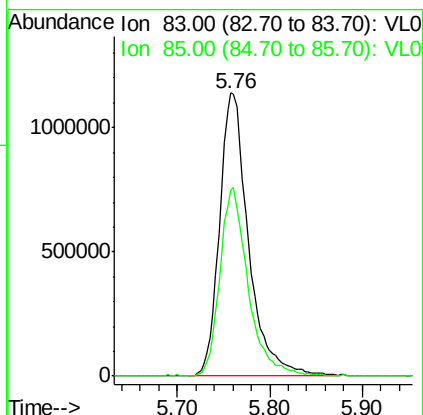
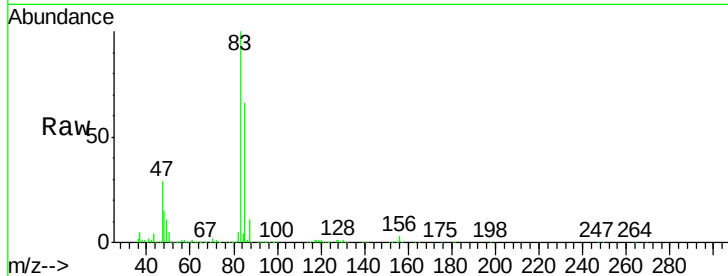


#29
Chloroform
Concen: 10.653 ppbv
RT: 5.76
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 20 Apr 2021 14:05

Tot Ion:
Ion Ratio
83 100
85 65.

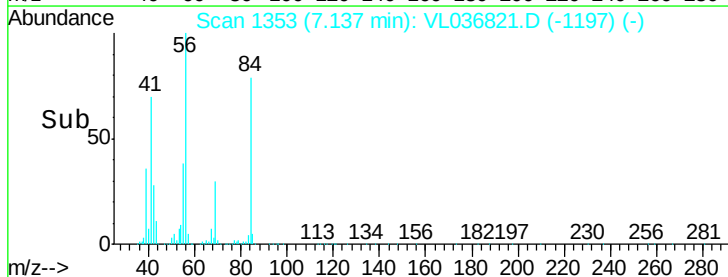
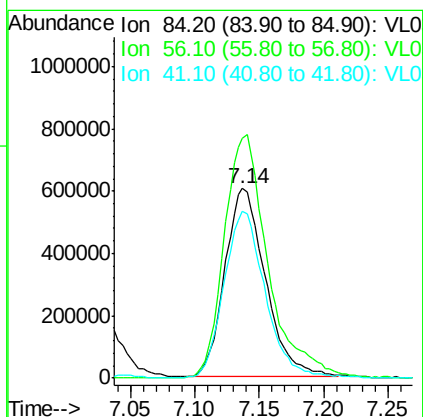
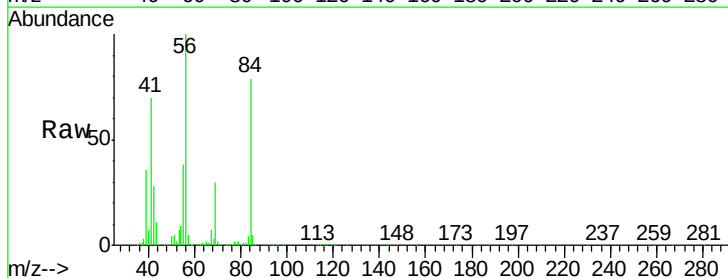
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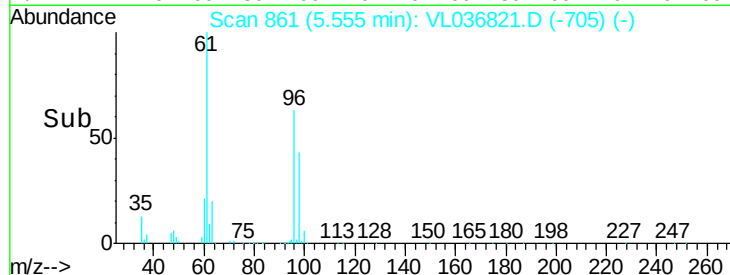
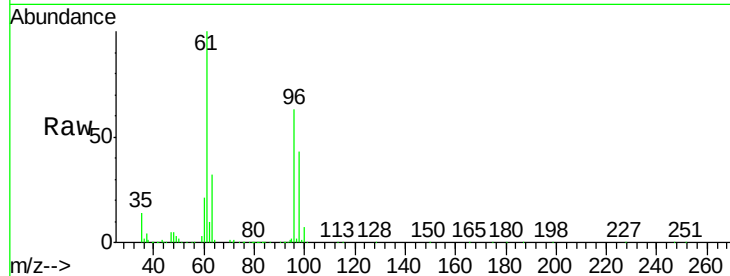
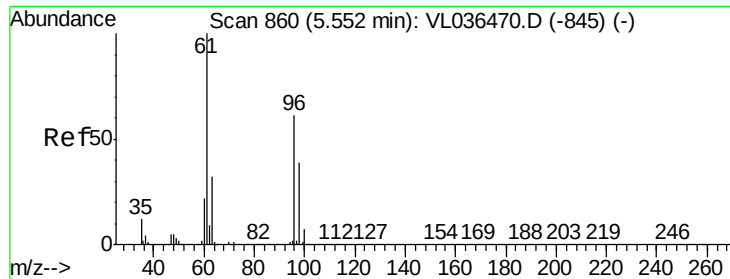
Reviewed By :Semsettin Yesilyurt 04/21/2021
Supervised By :Mahesh Dadoda 04/21/2021



#30
Cyclohexane
Concen: 11.223 ppbv
RT: 7.14 min Scan# 1353
Delta R.T. 0.00 min
Lab File: VL036821.D
Acq: 20 Apr 2021 14:05

Tgt Ion: 84 Resp: 1320991
Ion Ratio Lower Upper
84 100
56 140.7 114.6 171.8
41 90.8 75.3 112.9





#31

cis-1,2-Dichloroethene

Concen: 10.833 ppbv

RT: 5.56 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 20 Apr 2021 14:05 VL0420ABS01

Tot Ion:

Ion Ratio

61 100

96 62.

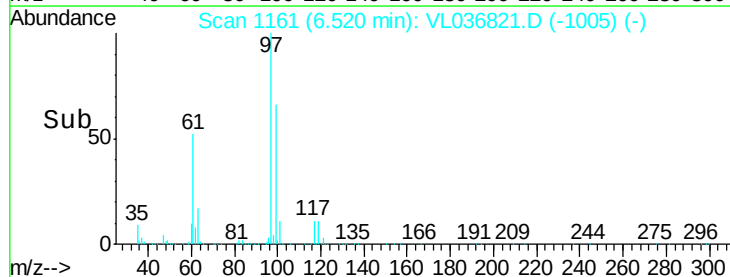
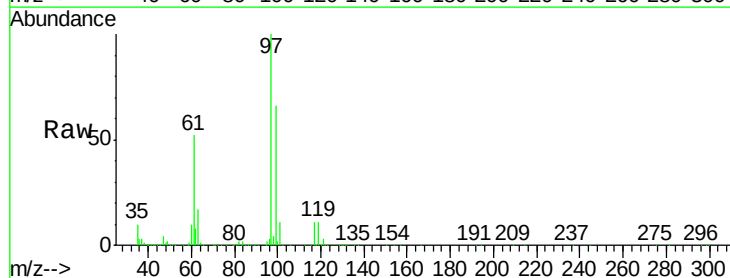
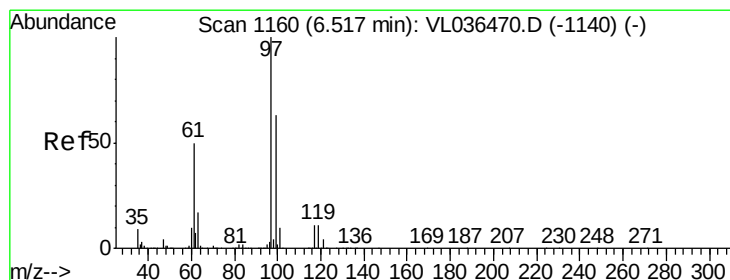
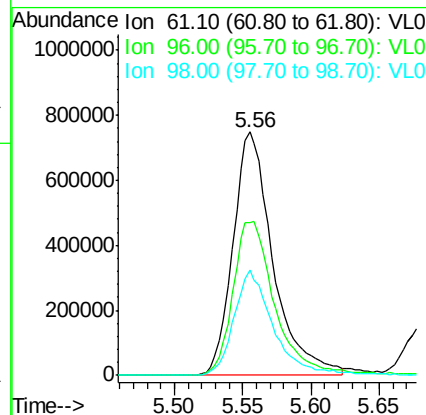
98 43.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/21/2021

Supervised By :Mahesh Dadoda 04/21/2021



#32

1,1,1-Trichloroethane

Concen: 10.511 ppbv

RT: 6.52 min Scan# 1161

Delta R.T. 0.00 min

Lab File: VL036821.D

Acq: 20 Apr 2021 14:05

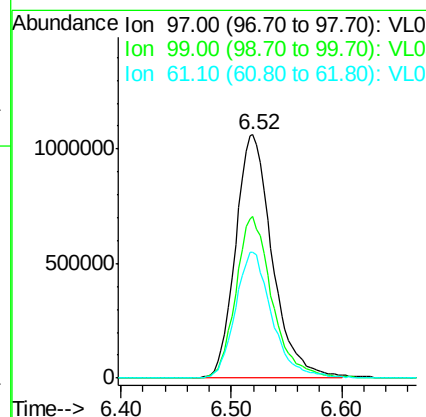
Tgt Ion: 97 Resp: 2458552

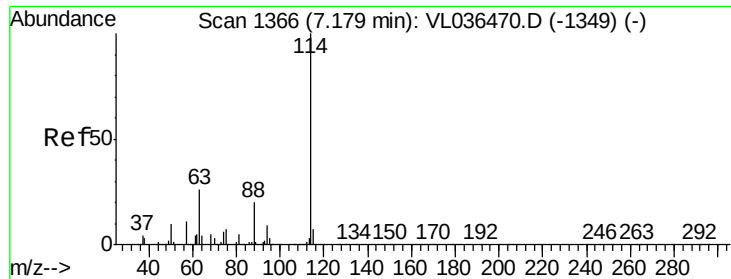
Ion Ratio Lower Upper

97 100

99 65.5 51.4 77.0

61 51.4 40.6 60.8



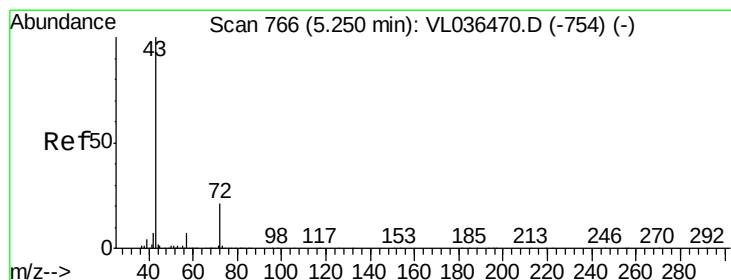
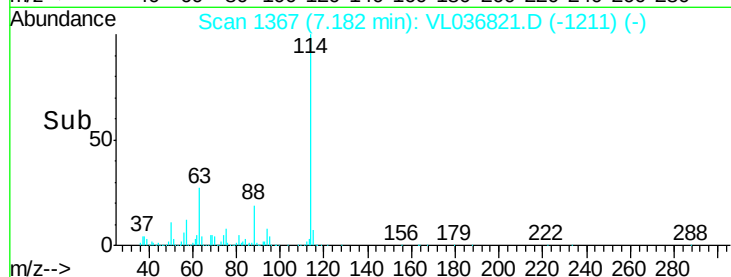
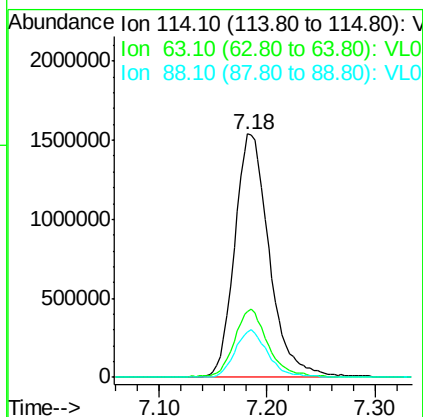
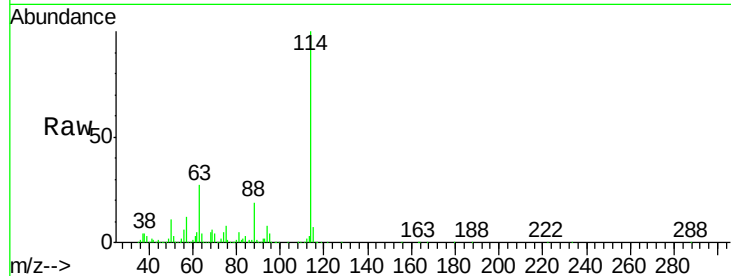


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18
 Instrument : MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL0420ABS01
 Acq: 20 Apr 2021 14:05

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

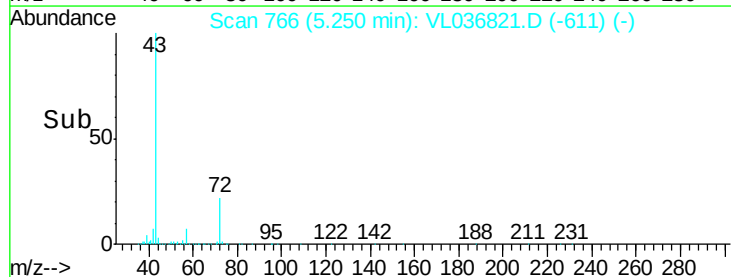
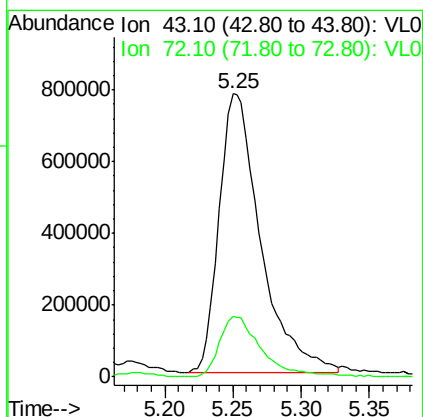
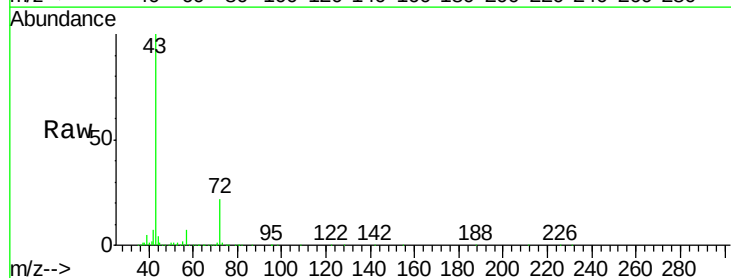
Manual Integrations
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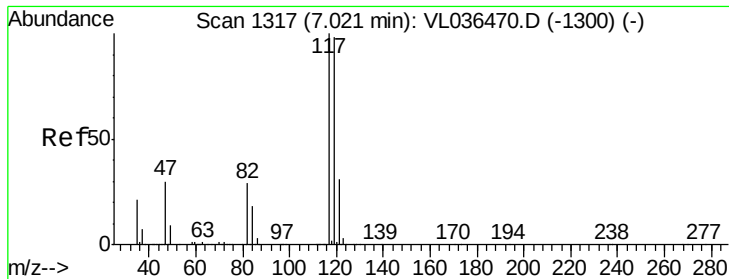
Reviewed By :Semsettin Yesilyurt 04/21/2021
 Supervised By :Mahesh Dadoda 04/21/2021



#34
 2-Butanone
 Concen: 9.823 ppbv
 RT: 5.25 min Scan# 766
 Delta R.T. -0.00 min
 Lab File: VL036821.D
 Acq: 20 Apr 2021 14:05

Tgt Ion: 43 Resp: 1649828
 Ion Ratio Lower Upper
 43 100
 72 22.3 17.0 25.6



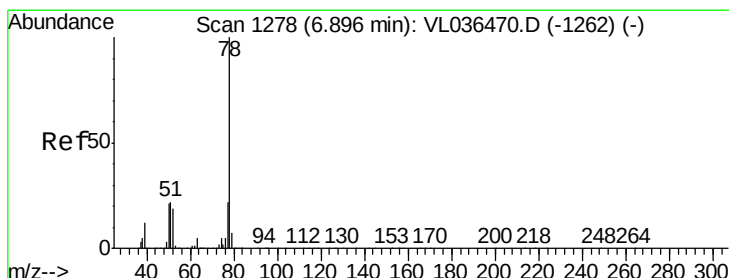
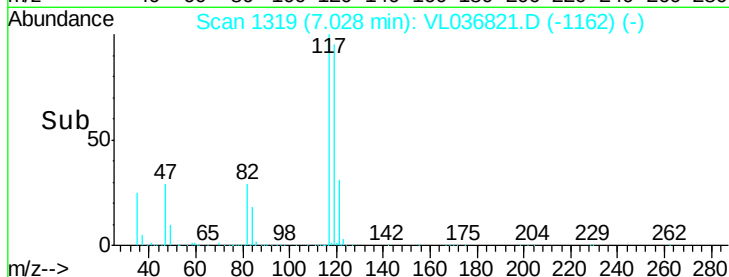
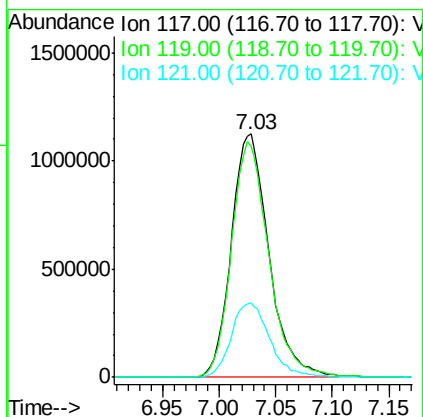
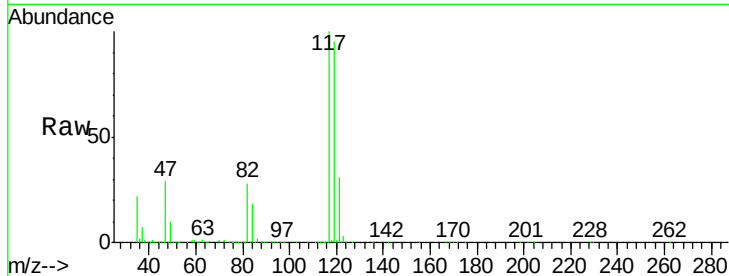


#35
Carbon Tetrachloride
Concen: 9.838 ppbv
RT: 7.03
Instrument : MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL0420ABS01
Acq: 20 Apr 2021 14:05

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

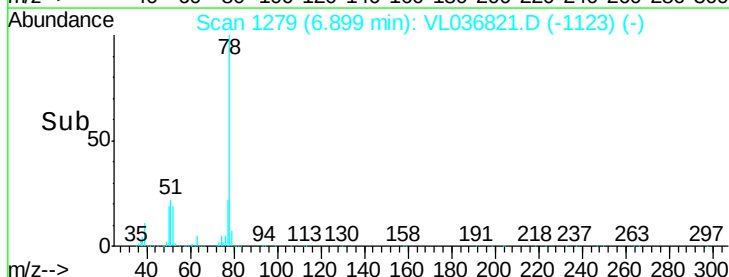
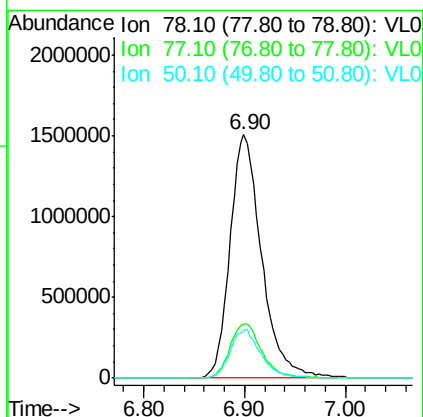
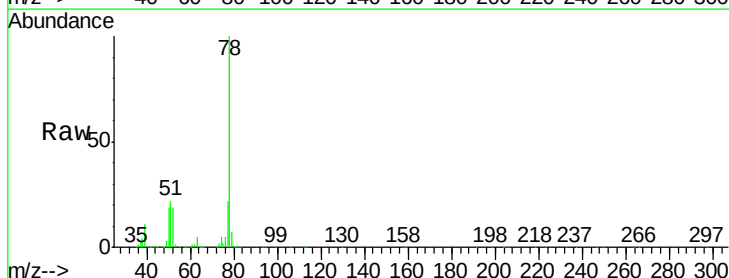
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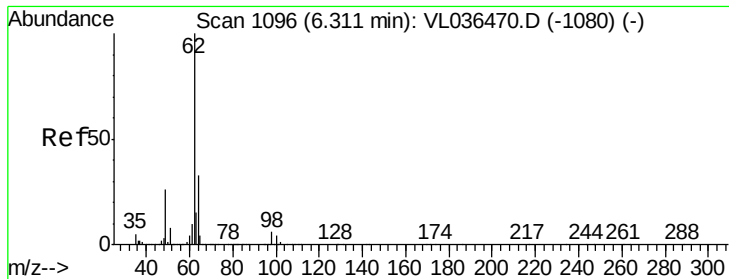
Reviewed By :Semsettin Yesilyurt 04/21/2021
Supervised By :Mahesh Dadoda 04/21/2021



#36
Benzene
Concen: 10.361 ppbv
RT: 6.90 min Scan# 1279
Delta R.T. 0.00 min
Lab File: VL036821.D
Acq: 20 Apr 2021 14:05

Tgt Ion: 78 Resp: 3287735
Ion Ratio Lower Upper
78 100
77 22.4 18.0 27.0
50 19.3 16.5 24.7



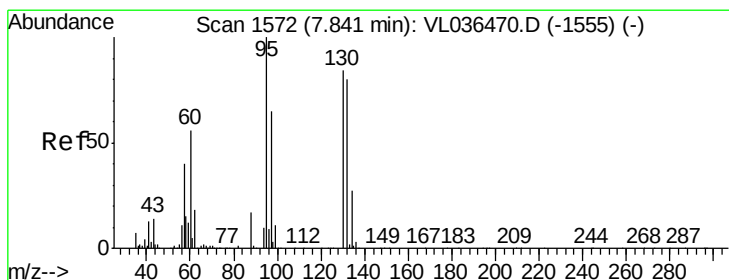
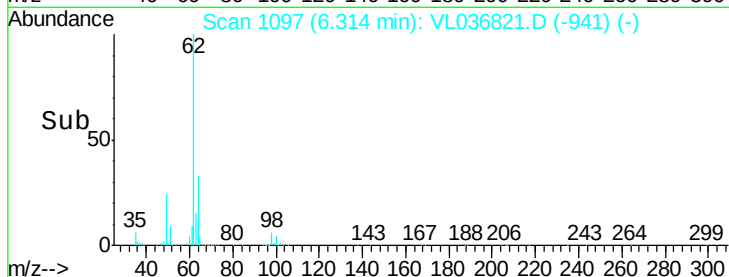
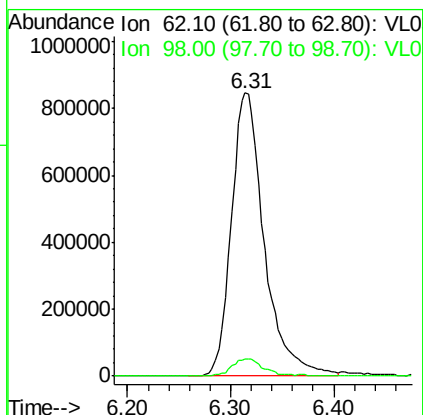
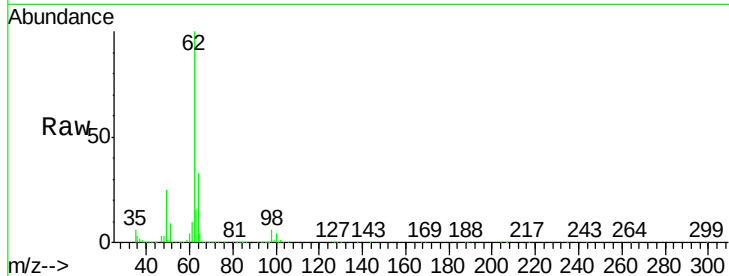


#37
 1,2-Dichloroethane
 Concen: 10.049 ppbv
 RT: 6.31 min
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId :
 VL0420ABS01
 Acq: 20 Apr 2021 14:05

Tot Ion:
 Ion Ratio
 62 100
 98 6.

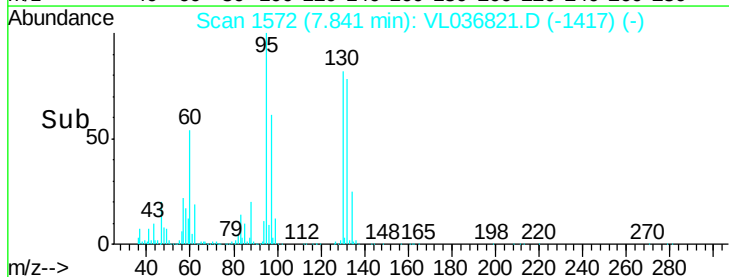
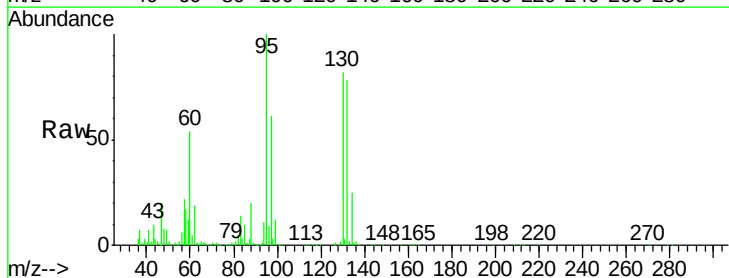
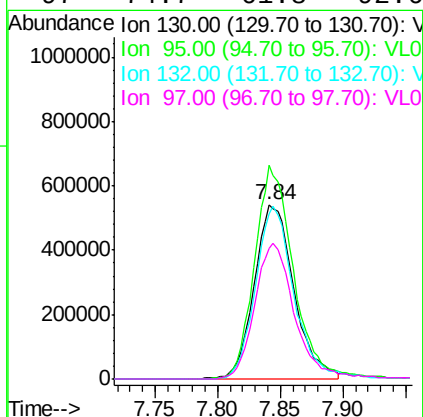
Manual Integrations
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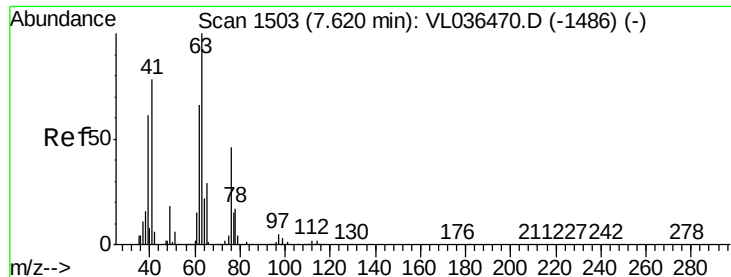
Reviewed By :Semsettin Yesilyurt 04/21/2021
 Supervised By :Mahesh Dadoda 04/21/2021



#38
 Trichloroethene
 Concen: 9.615 ppbv
 RT: 7.84 min Scan# 1572
 Delta R.T. -0.00 min
 Lab File: VL036821.D
 Acq: 20 Apr 2021 14:05

Tgt Ion:130 Resp: 1187381
 Ion Ratio Lower Upper
 130 100
 95 122.6 95.7 143.5
 132 95.1 76.2 114.4
 97 74.7 61.8 92.6



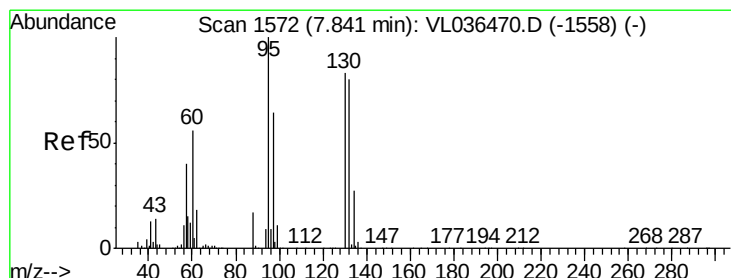
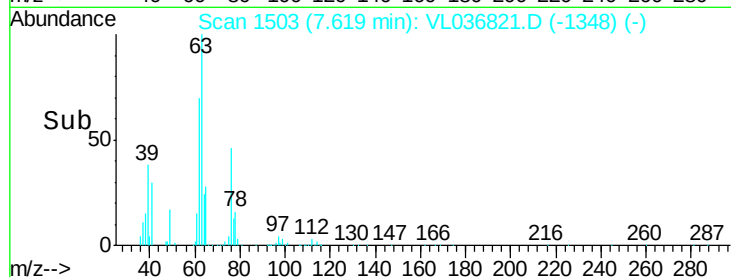
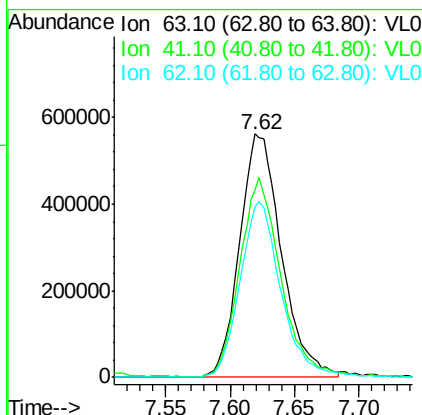
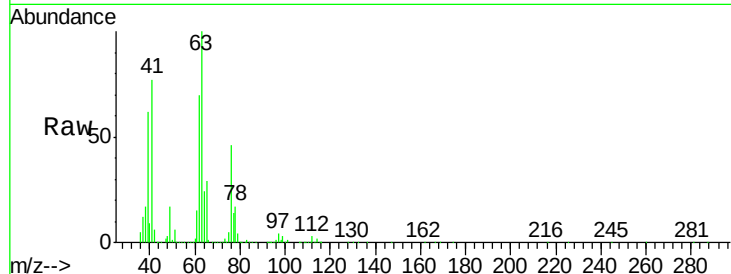


#39
 1,2-Dichloropropane
 Concen: 9.858 ppbv
 RT: 7.62
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VL0420ABS01
 Acq: 20 Apr 2021 14:05

Tot Ion:
 Ion Ratio
 63 100
 41 76.
 62 70.

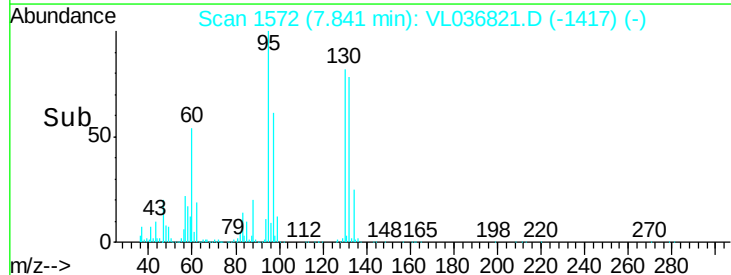
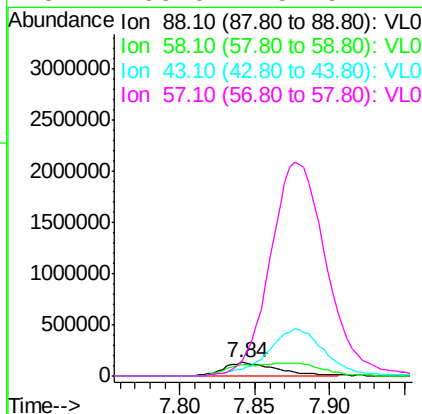
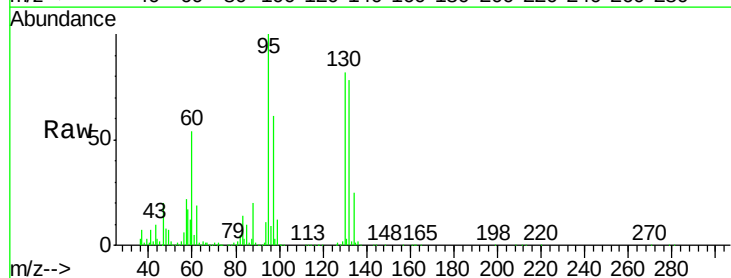
Manual Integrations
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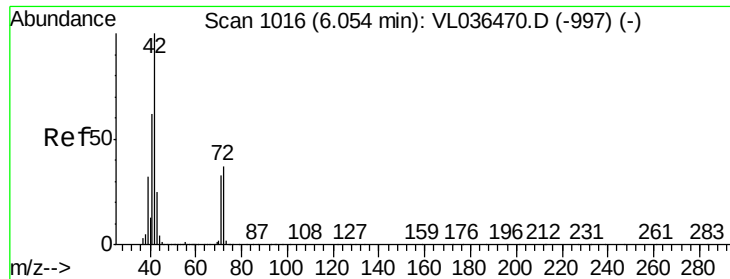
Reviewed By :Semsettin Yesilyurt 04/21/2021
 Supervised By :Mahesh Dadoda 04/21/2021



#40
 1,4-Dioxane
 Concen: 10.738 ppbv
 RT: 7.84 min Scan# 1572
 Delta R.T. -0.00 min
 Lab File: VL036821.D
 Acq: 20 Apr 2021 14:05

Tgt Ion: 88 Resp: 321716
 Ion Ratio Lower Upper
 88 100
 58 162.4 134.1 201.1
 43 381.0 346.6 520.0
 57 1703.6 1481.8 2222.8



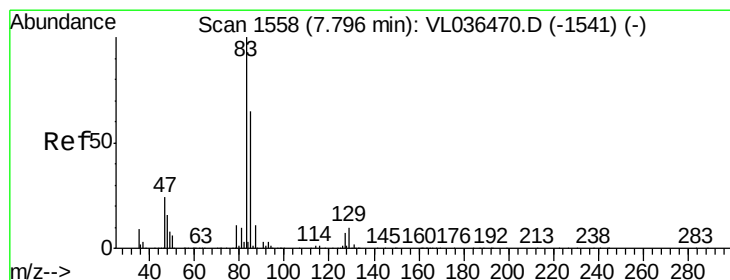
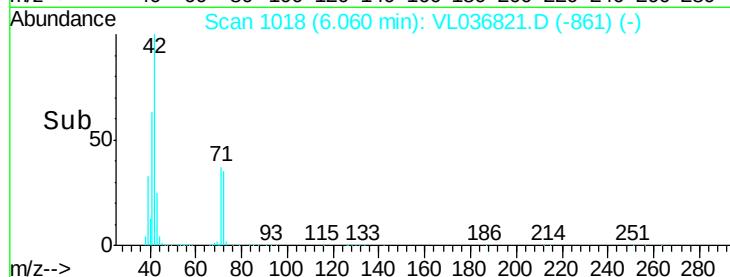
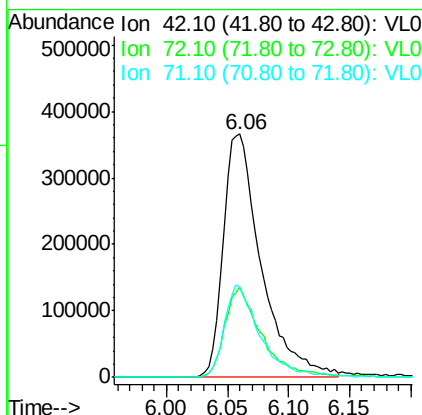
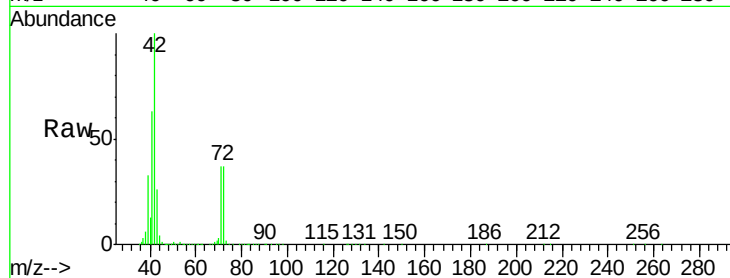


#41
Tetrahydrofuran
Concen: 10.279 ppbv
RT: 6.06
Instrument : MSVOA_1
Delta R.T. :
Lab File: ClientSampleId :
Acq: 20 Apr 2021 14:05

Tot Ion:
Ion Ratio
42 100
72 36.
71 36.

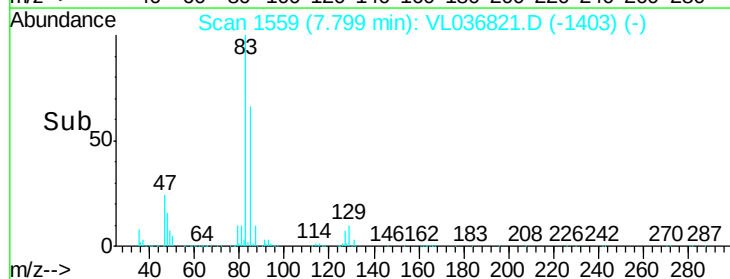
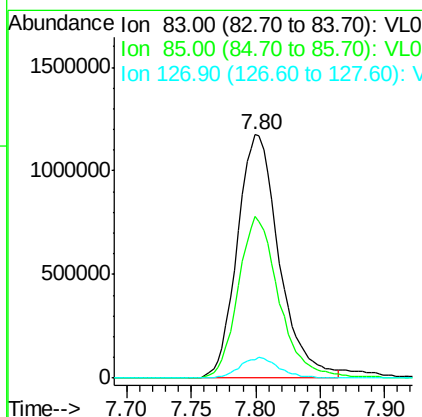
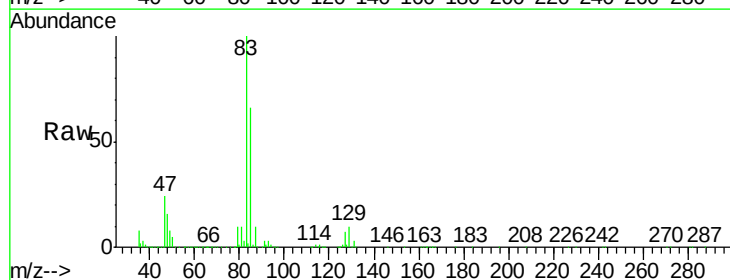
Manual Integrations
APPROVED

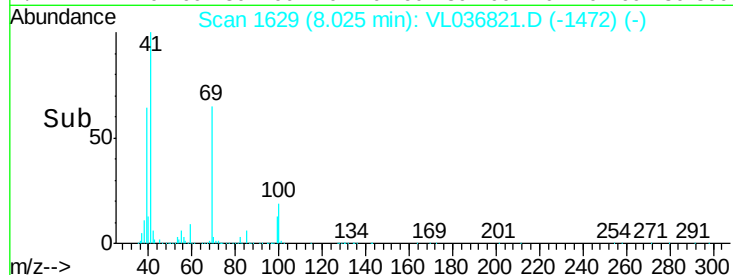
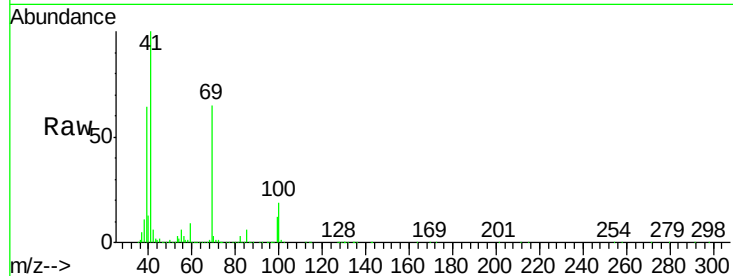
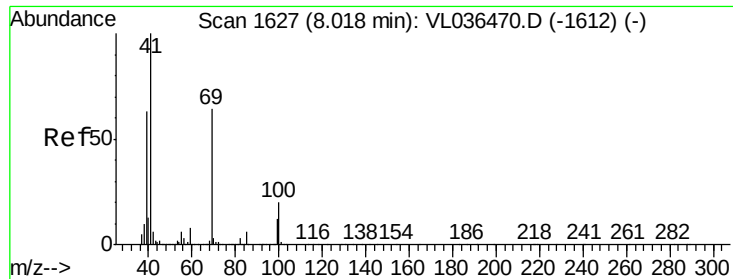
Reviewed By :Semsettin Yesilyurt 04/21/2021
Supervised By :Mahesh Dadoda 04/21/2021



#42
Bromodichloromethane
Concen: 10.446 ppbv
RT: 7.80 min Scan# 1559
Delta R.T. 0.00 min
Lab File: VL036821.D
Acq: 20 Apr 2021 14:05

Tgt Ion: 83 Resp: 2653853
Ion Ratio Lower Upper
83 100
85 66.3 51.8 77.6
127 7.3 5.8 8.8





#43

Methyl Methacrylate

Concen: 11.095 ppbv

RT: 8.02

Instrument: MSVOA_1

Delta R.T. 0.00

Lab File: ClientSampleId: VL0420ABS01

Acq: 20 Apr 2021 14:05

Tot Ion:

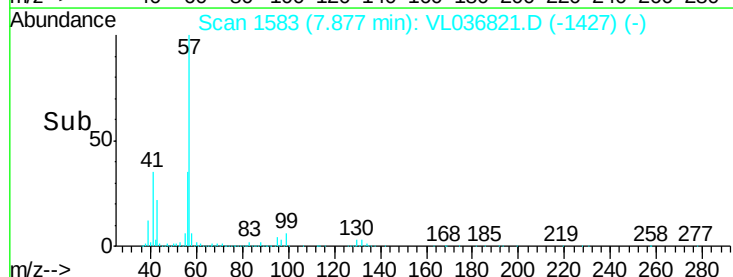
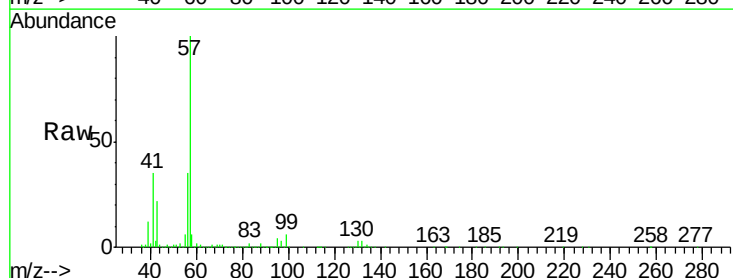
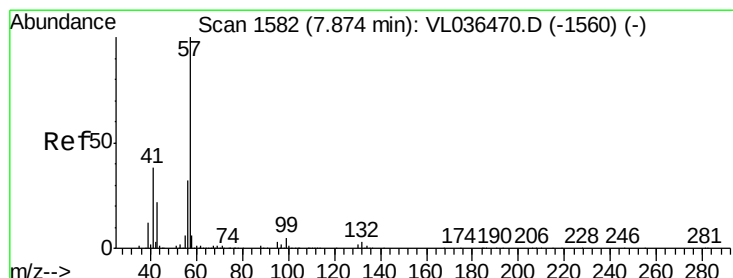
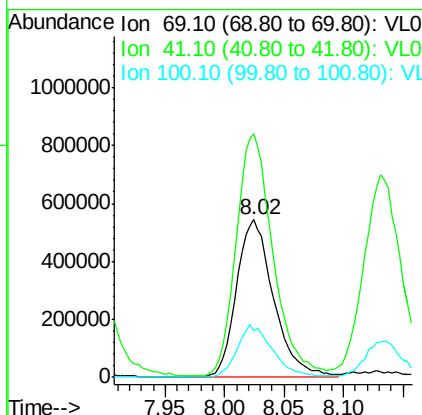
Ion	Ratio
69	100
41	152.
100	31.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/21/2021

Supervised By :Mahesh Dadoda 04/21/2021



#44

2,2,4-Trimethylpentane

Concen: 9.792 ppbv

RT: 7.88 min Scan# 1583

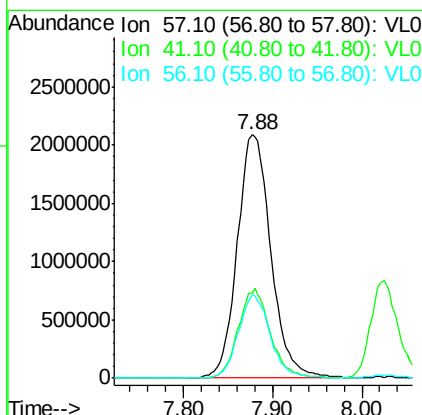
Delta R.T. 0.00 min

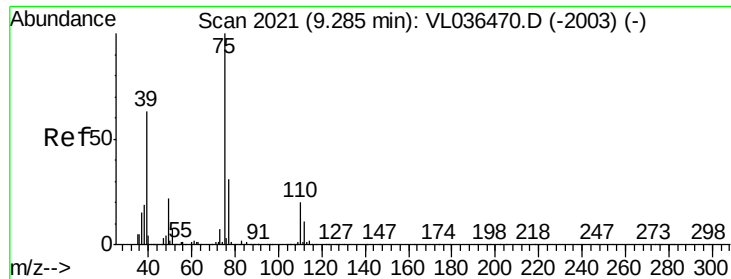
Lab File: VL036821.D

Acq: 20 Apr 2021 14:05

Tgt Ion: 57 Resp: 5469003

Ion	Ratio	Lower	Upper
57	100		
41	34.8	28.8	43.2
56	32.4	26.1	39.1





#45

t-1,3-Dichloropropene

Concen: 11.662 ppbv

RT: 9.29 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 20 Apr 2021 14:05 VL0420ABS01

Tot Ion:

Ion Ratio

75 100

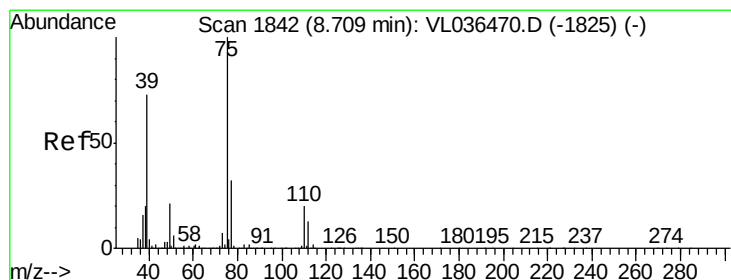
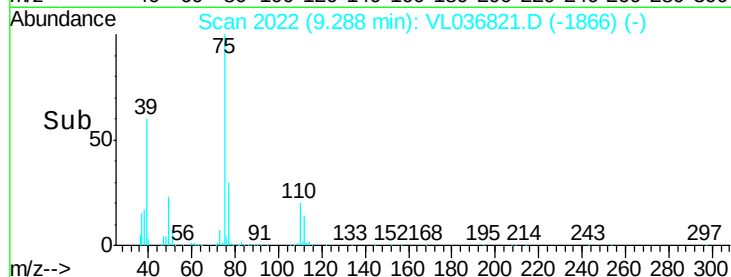
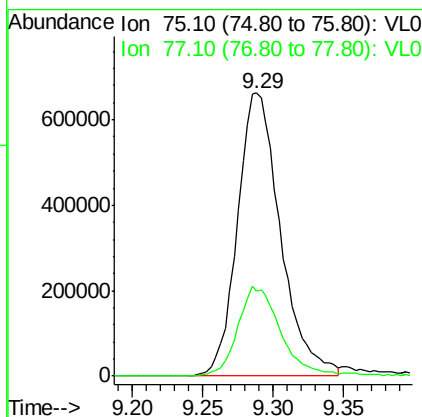
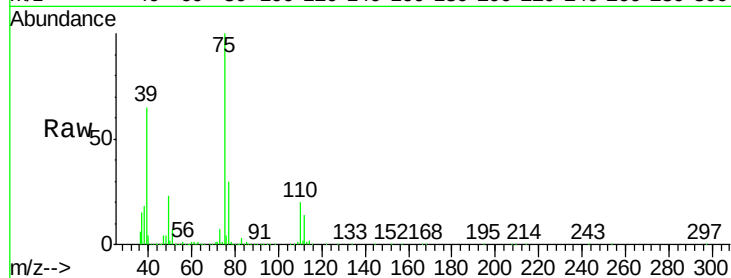
77 29.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/21/2021

Supervised By :Mahesh Dadoda 04/21/2021



#46

cis-1,3-Dichloropropene

Concen: 11.278 ppbv

RT: 8.71 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VL036821.D

Acq: 20 Apr 2021 14:05

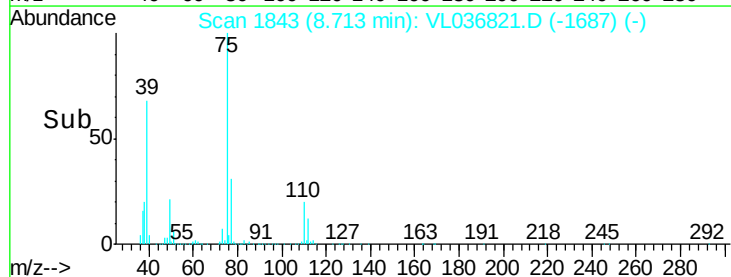
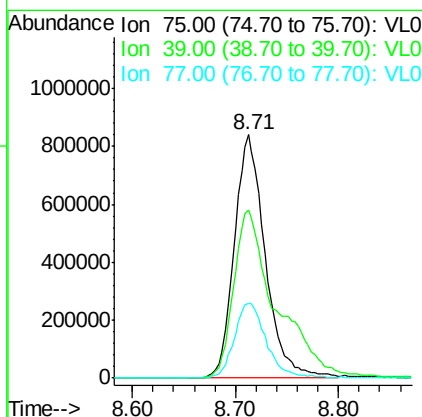
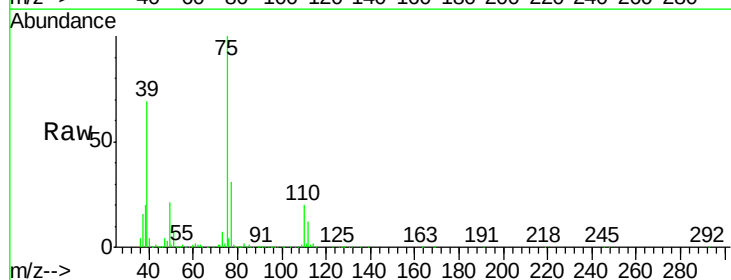
Tgt Ion: 75 Resp: 1754036

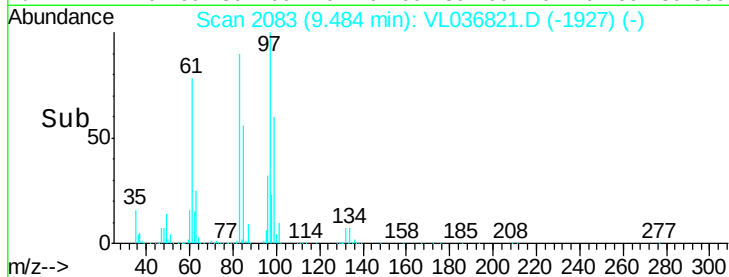
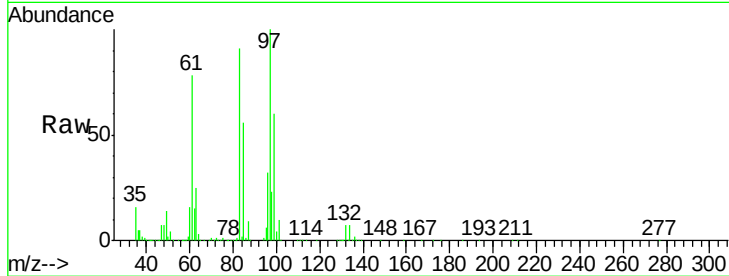
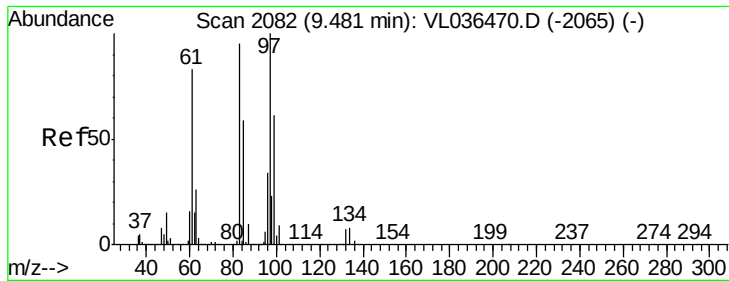
Ion Ratio Lower Upper

75 100

39 68.7 58.2 87.2

77 30.8 25.2 37.8



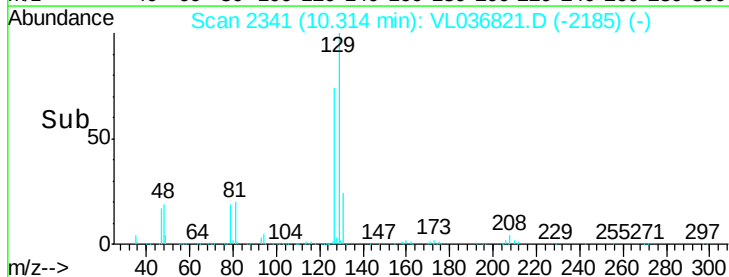
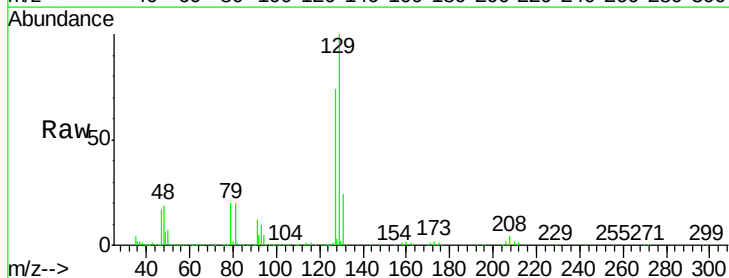
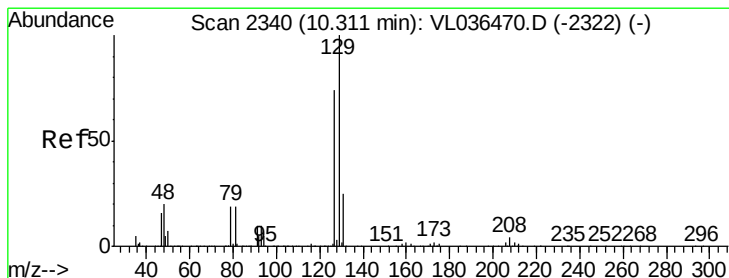
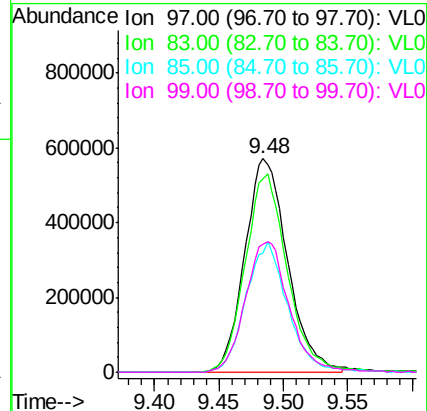


#47
1,1,2-Trichloroethane
Concen: 10.139 ppbv
RT: 9.48 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 20 Apr 2021 14:05

Tot Ion:
Ion Ratio
97 100
83 90.
85 55.
99 59.9 49.2 73.8

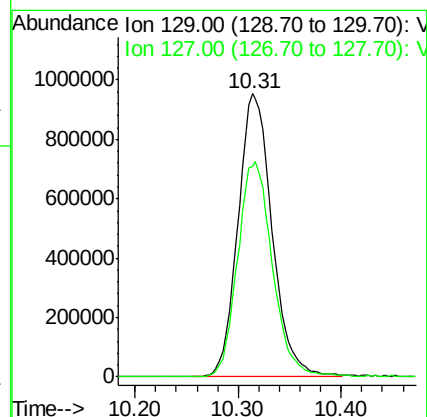
Manual Integrations
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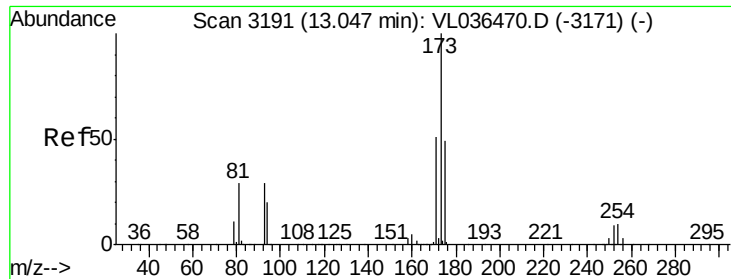
Reviewed By :Semsettin Yesilyurt 04/21/2021
Supervised By :Mahesh Dadoda 04/21/2021



#48
Dibromochloromethane
Concen: 11.055 ppbv
RT: 10.31 min Scan# 2341
Delta R.T.: 0.00 min
Lab File: VL036821.D
Acq: 20 Apr 2021 14:05

Tgt Ion:129 Resp: 2197240
Ion Ratio Lower Upper
129 100
127 78.1 39.6 118.8





#49

Bromoform

Concen: 11.077 ppbv

RT: 13.06

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 20 Apr 2021 14:05

Tot Ion:1

Ion Ratio

173 100

175 50.

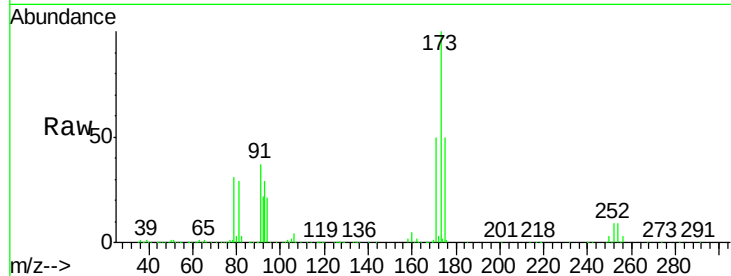
171 52.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/21/2021

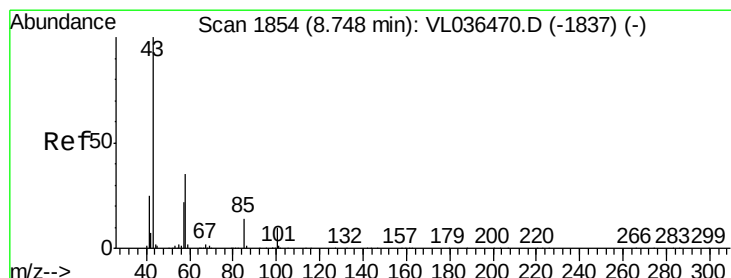
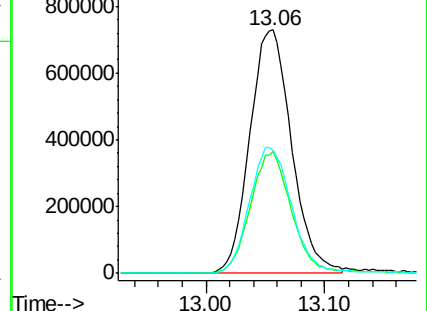
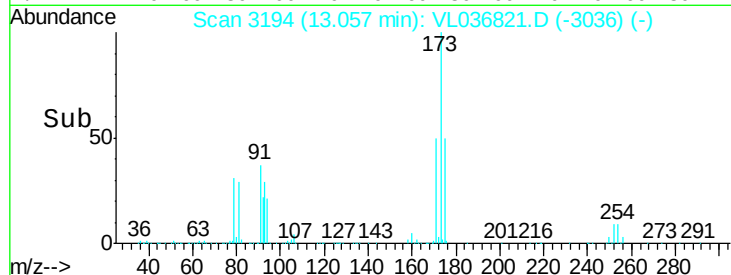
Supervised By :Mahesh Dadoda 04/21/2021



Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 170.90 (170.60 to 171.60): V



#50

4-Methyl-2-Pentanone

Concen: 10.443 ppbv

RT: 8.75 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VL036821.D

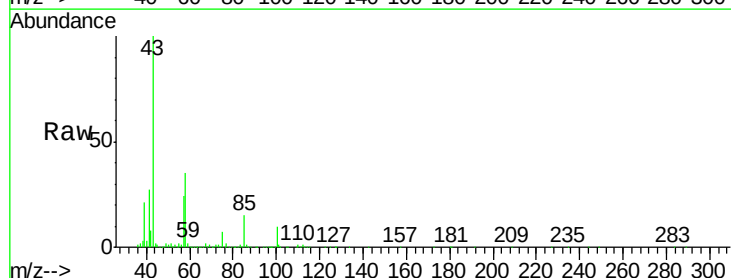
Acq: 20 Apr 2021 14:05

Tgt Ion: 43 Resp: 2537762

Ion Ratio Lower Upper

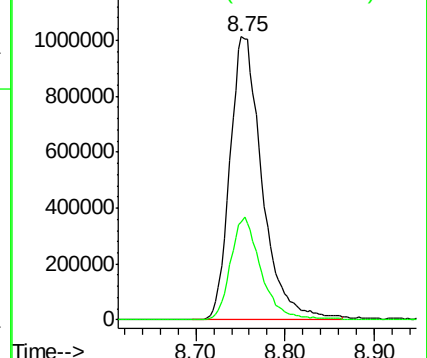
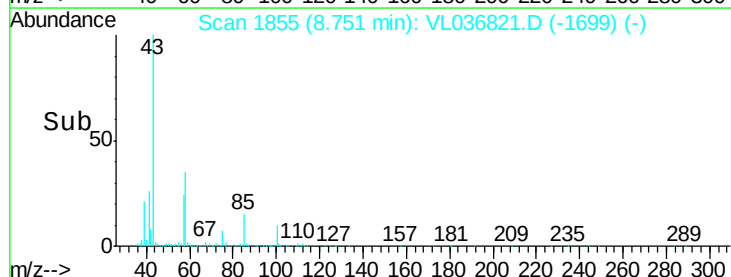
43 100

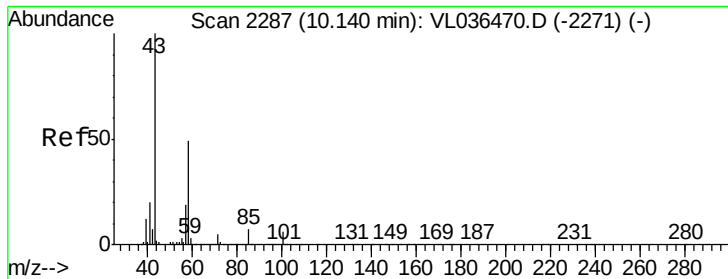
58 34.8 28.2 42.2



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



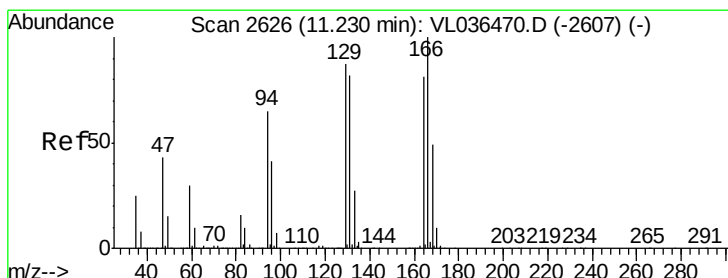
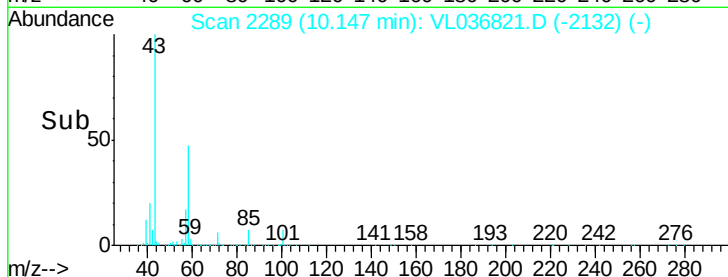
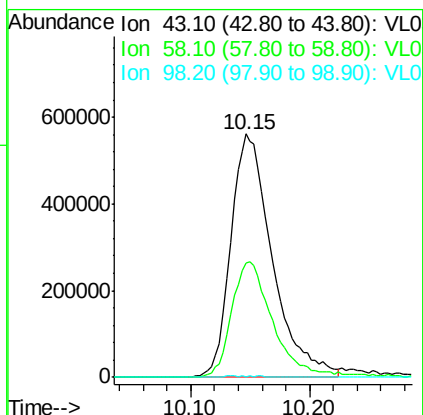
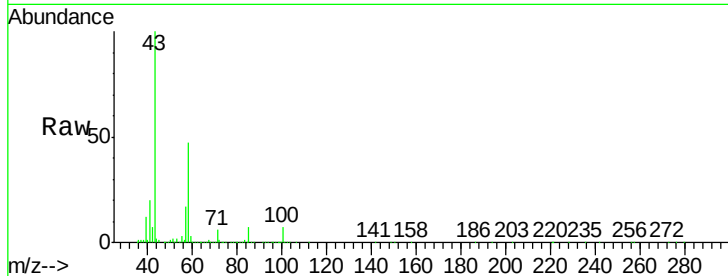


#51
2-Hexanone
Concen: 11.036 ppbv
RT: 10.15
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 20 Apr 2021 14:05

Tot Ion:
Ion Ratio
43 100
58 48.
98 0.

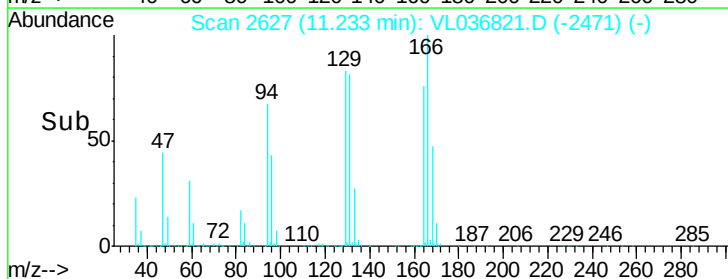
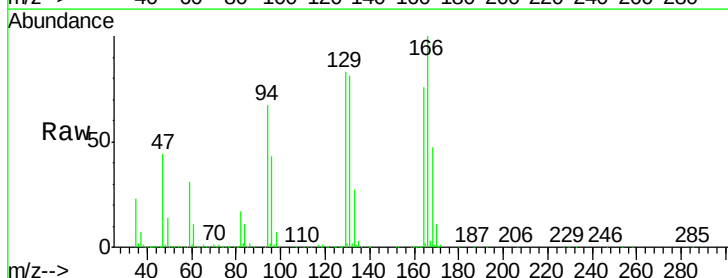
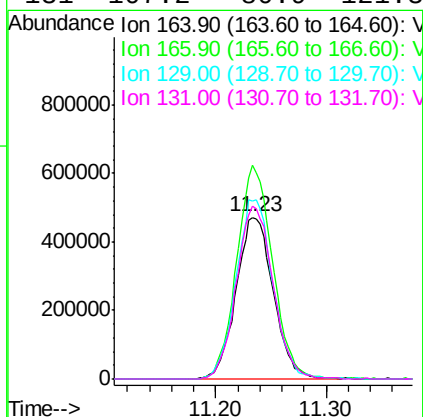
Manual Integrations
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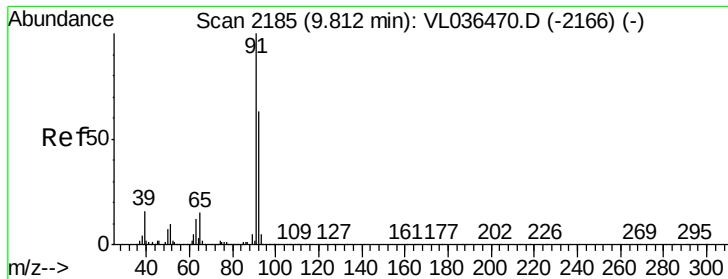
Reviewed By :Semsettin Yesilyurt 04/21/2021
Supervised By :Mahesh Dadoda 04/21/2021



#52
Tetrachloroethene
Concen: 9.392 ppbv
RT: 11.23 min Scan# 2627
Delta R.T. 0.00 min
Lab File: VL036821.D
Acq: 20 Apr 2021 14:05

Tgt Ion:164 Resp: 1097424
Ion Ratio Lower Upper
164 100
166 132.3 98.3 147.5
129 110.3 85.8 128.8
131 107.2 80.9 121.3





#53

Toluene

Concen: 10.860 ppbv

RT: 9.82 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 20 Apr 2021 14:05

Tot Ion:

Ion Ratio

91 100

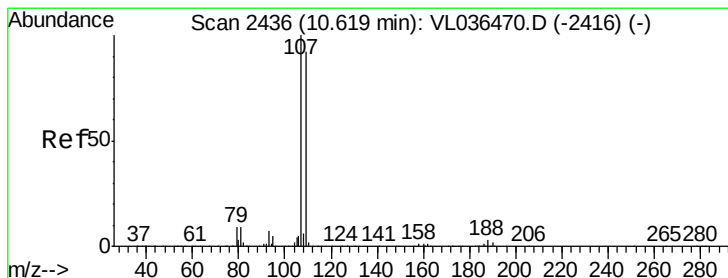
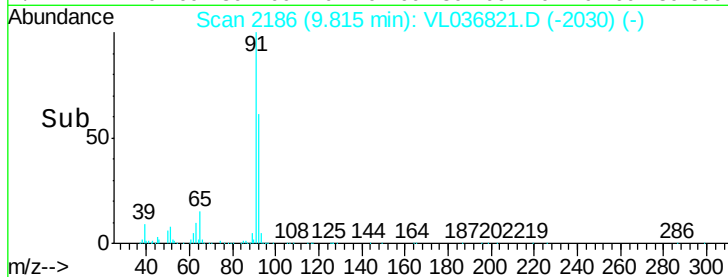
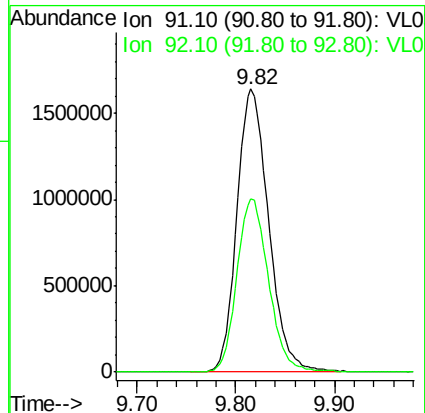
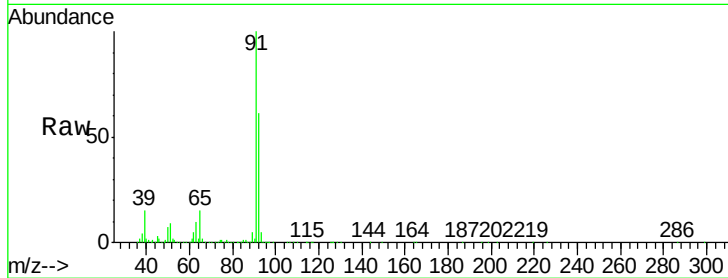
92 61.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/21/2021

Supervised By :Mahesh Dadoda 04/21/2021



#54

1,2-Dibromoethane

Concen: 10.310 ppbv

RT: 10.62 min Scan# 2436

Delta R.T. -0.00 min

Lab File: VL036821.D

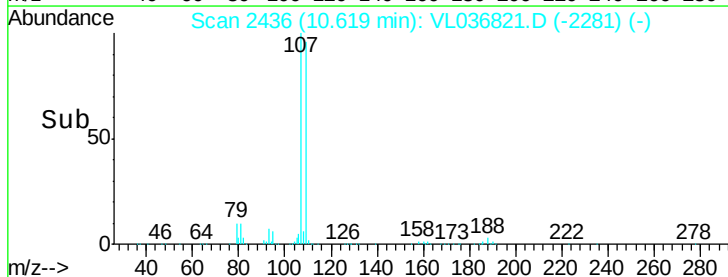
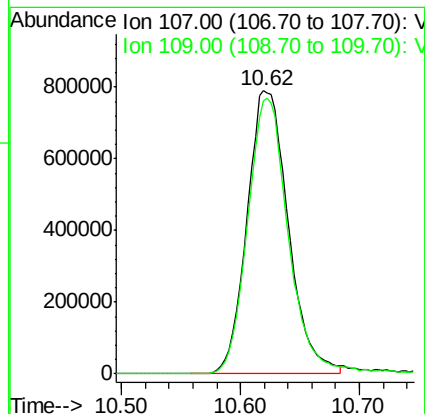
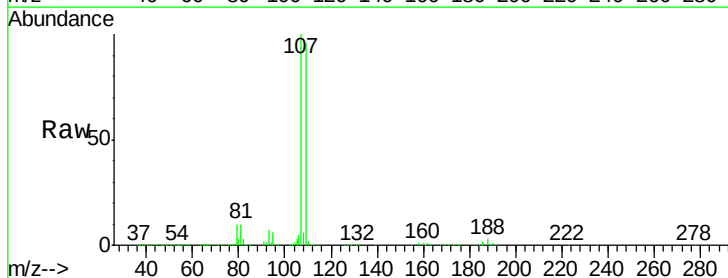
Acq: 20 Apr 2021 14:05

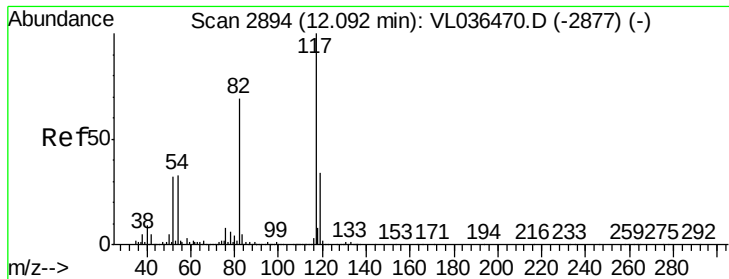
Tgt Ion:107 Resp: 1898348

Ion Ratio Lower Upper

107 100

109 96.4 73.9 110.9



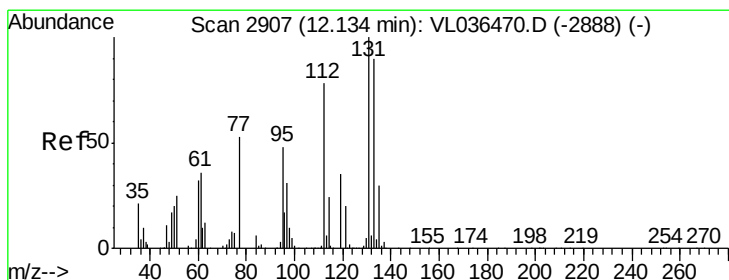
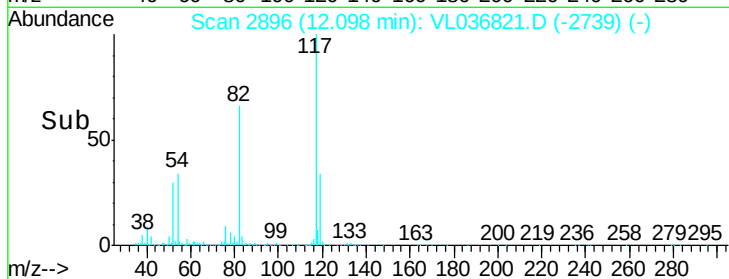
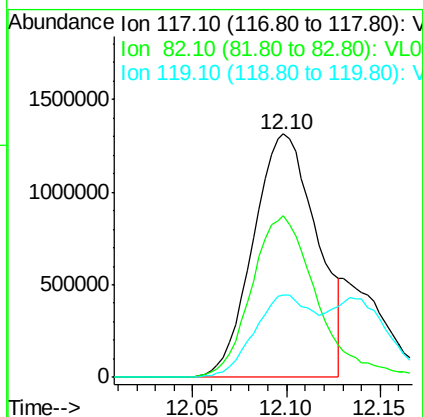
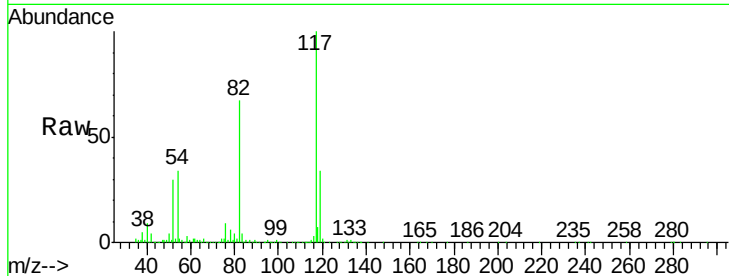


#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.10
Instrument: MSVOA_1
Delta R.T.:
Client SampleId:
Lab File: VL0420ABS01
Acq: 20 Apr 2021 14:05

Tot Ion:1
Ion Rati
117 100
82 68.
119 31.

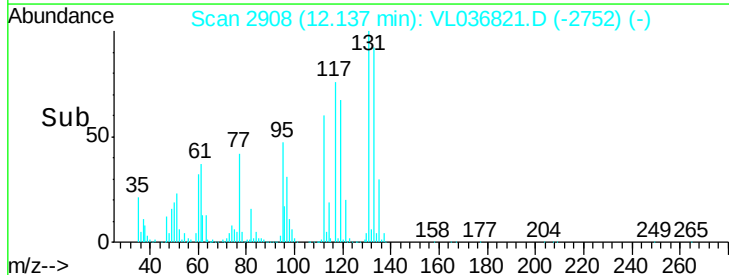
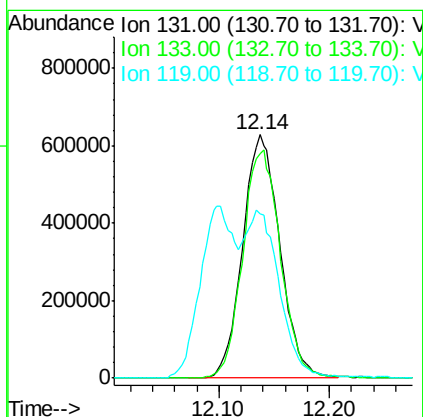
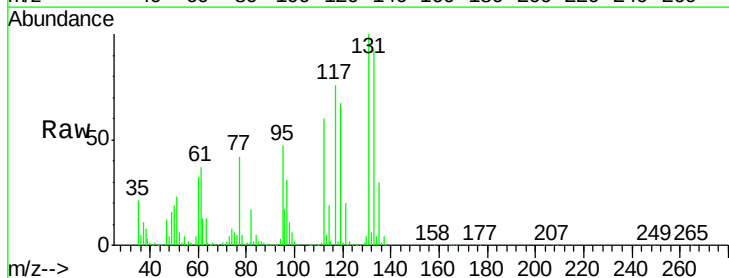
Manual Integrations
APPROVED

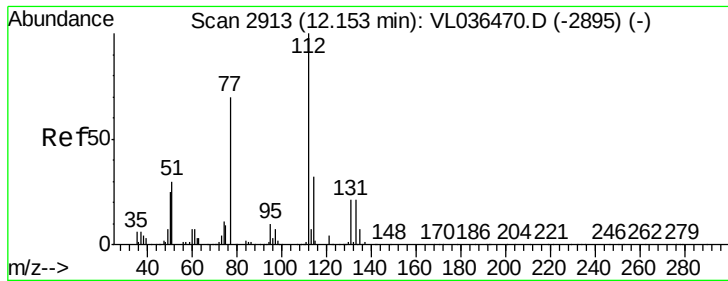
Reviewed By :Semsettin Yesilyurt 04/21/2021
Supervised By :Mahesh Dadoda 04/21/2021



#56
1,1,1,2-Tetrachloroethane
Concen: 10.474 ppbv
RT: 12.14 min Scan# 2908
Delta R.T. 0.00 min
Lab File: VL036821.D
Acq: 20 Apr 2021 14:05

Tgt Ion:131 Resp: 1469214
Ion Ratio Lower Upper
131 100
133 95.3 75.8 113.6
119 60.9 48.7 73.1





#57

Chlorobenzene

Concen: 10.247 ppbv

RT: 12.16

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 20 Apr 2021 14:05

Tot Ion:1

Ion Rati

112 100

77 69.

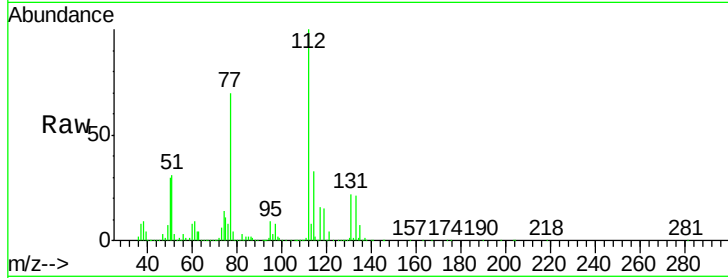
114 33.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/21/2021

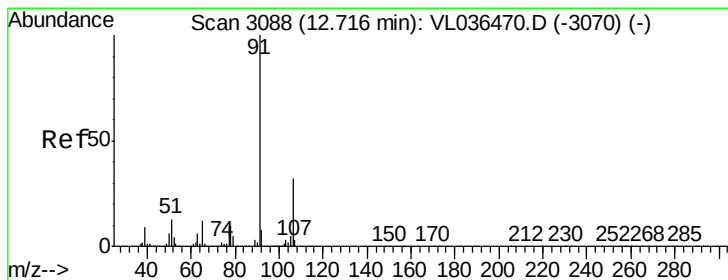
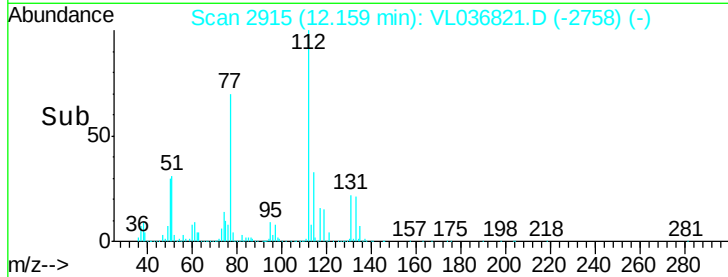
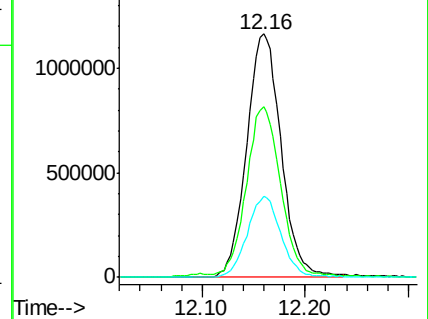
Supervised By :Mahesh Dadoda 04/21/2021



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: 10.892 ppbv

RT: 12.73 min Scan# 3091

Delta R.T. 0.01 min

Lab File: VL036821.D

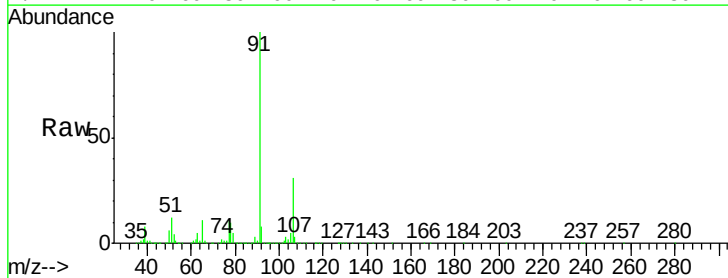
Acq: 20 Apr 2021 14:05

Tgt Ion: 91 Resp: 4913973

Ion Ratio Lower Upper

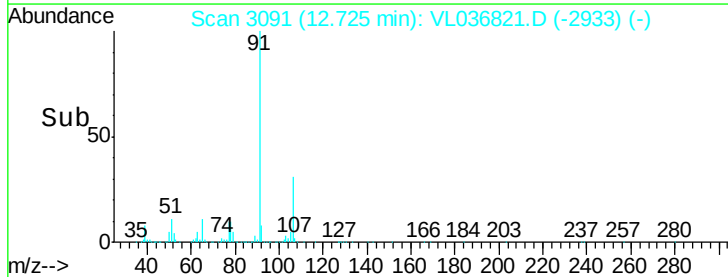
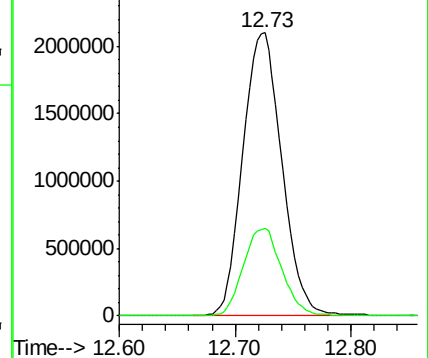
91 100

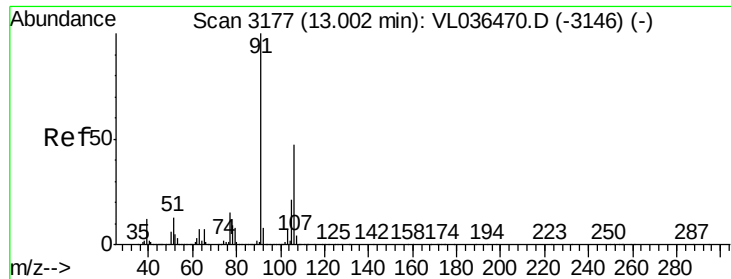
106 30.9 25.3 37.9



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V



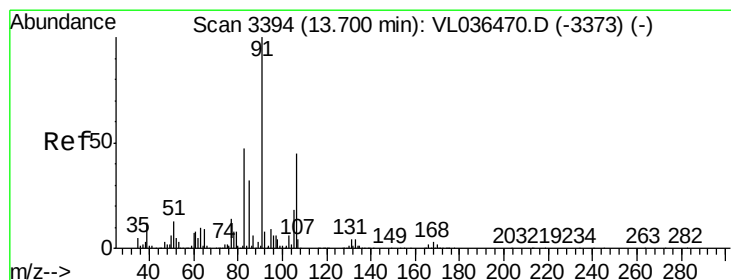
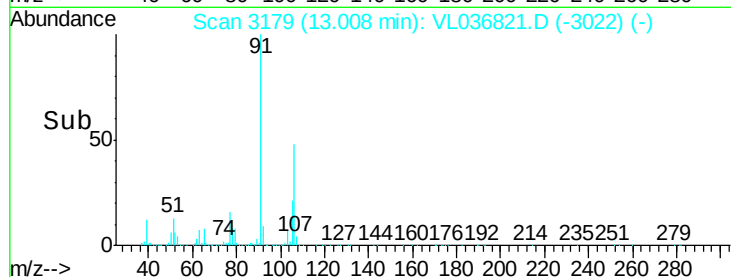
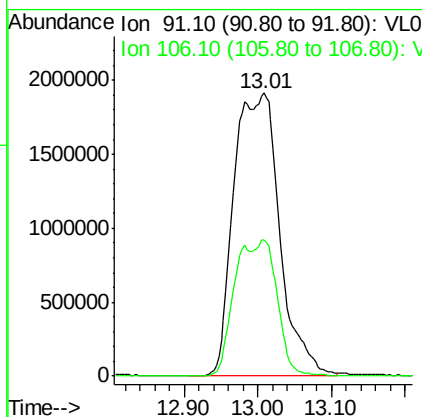
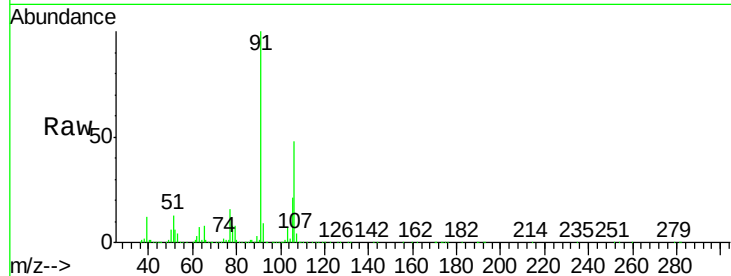


#59
m/p-Xylene
Concen: 21.015 ppbv m
RT: 13.01 min
Instrument: MSVOA_1
Delta R.T.: 0.01 min
Lab File: ClientSampleId : VL0420ABS01
Acq: 20 Apr 2021 14:05

Tot Ion:
Ion Ratio
91 100
106 44.

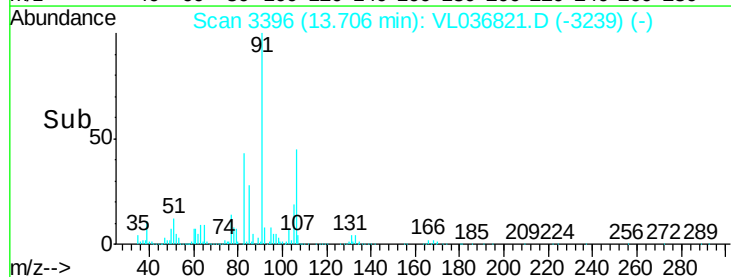
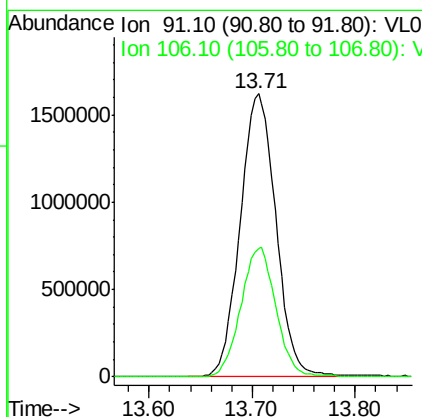
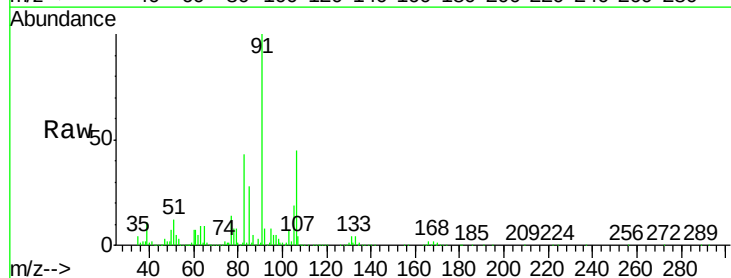
Manual Integrations
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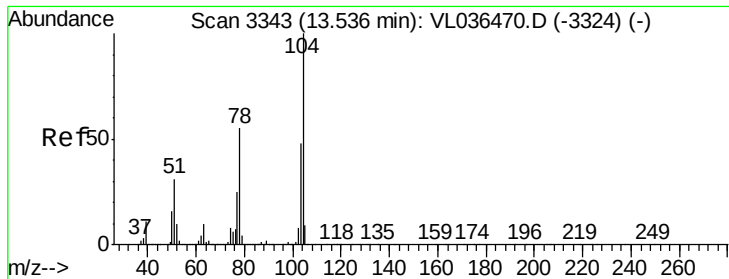
Reviewed By :Semsettin Yesilyurt 04/21/2021
Supervised By :Mahesh Dadoda 04/21/2021



#60
o-Xylene
Concen: 10.230 ppbv
RT: 13.71 min Scan# 3396
Delta R.T.: 0.01 min
Lab File: VL036821.D
Acq: 20 Apr 2021 14:05

Tgt Ion: 91 Resp: 3892500
Ion Ratio Lower Upper
91 100
106 45.1 22.3 66.9





#61

Stvrene

Concen: 11.942 ppbv

RT: 13.54

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 20 Apr 2021 14:05

Tot Ion:1

Ion Ratio

104 100

78 53.

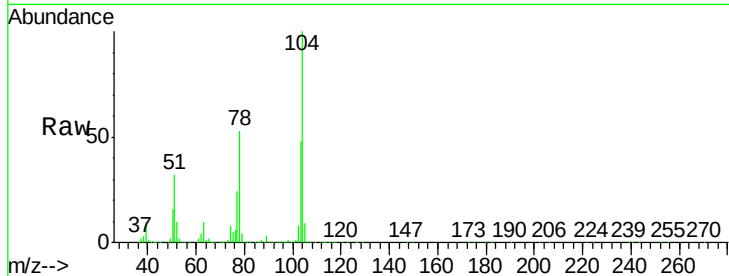
103 48.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/21/2021

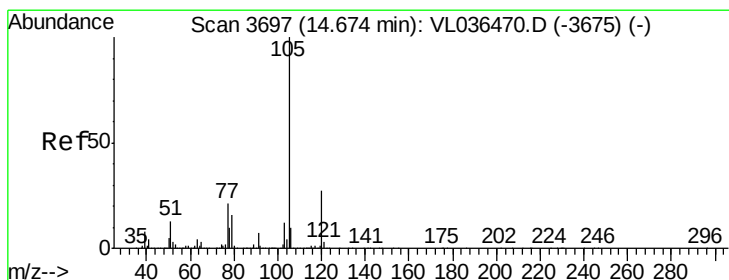
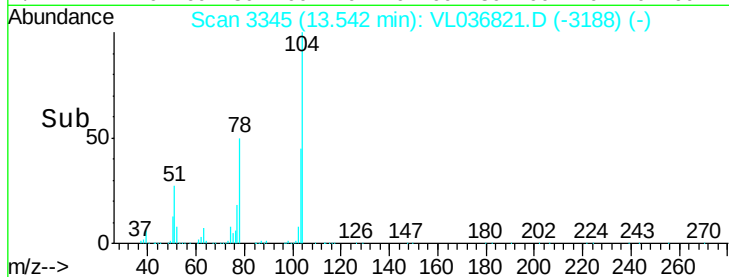
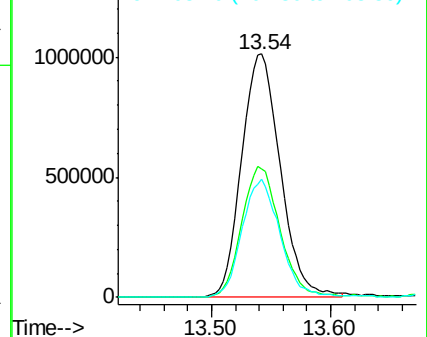
Supervised By :Mahesh Dadoda 04/21/2021



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VL0

Ion 103.10 (102.80 to 103.80): V



#62

Isopropylbenzene

Concen: 10.266 ppbv

RT: 14.68 min Scan# 3700

Delta R.T. 0.01 min

Lab File: VL036821.D

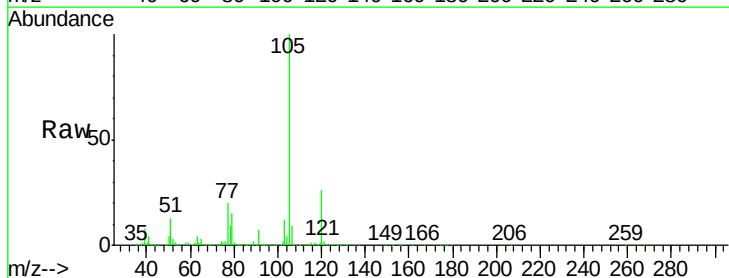
Acq: 20 Apr 2021 14:05

Tgt Ion:105 Resp: 5260571

Ion Ratio Lower Upper

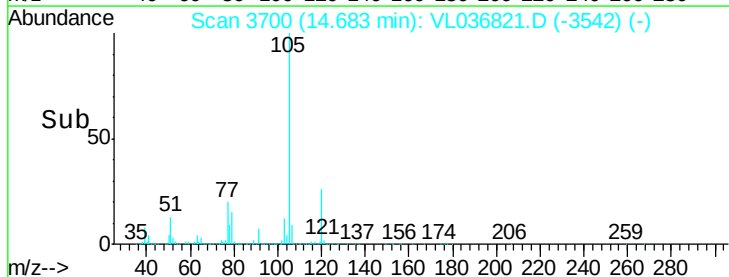
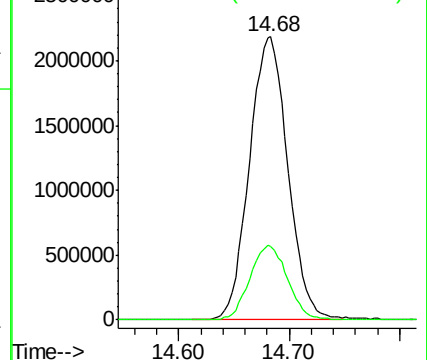
105 100

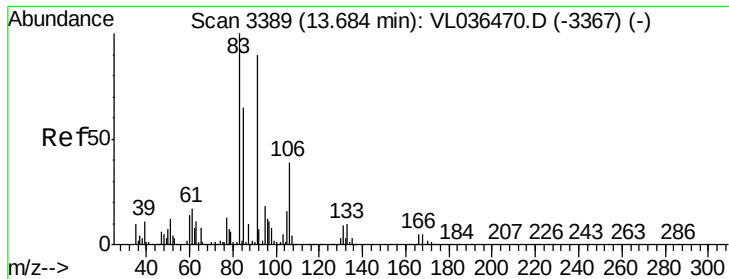
120 26.0 20.6 31.0



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V





#63

1,1,2,2-Tetrachloroethane

Concen: 9.777 ppbv

RT: 13.69

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 20 Apr 2021 14:05

Tot Ion:

Ion Ratio

83 100

131 9.

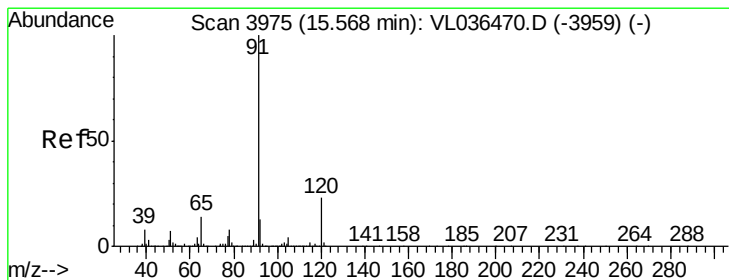
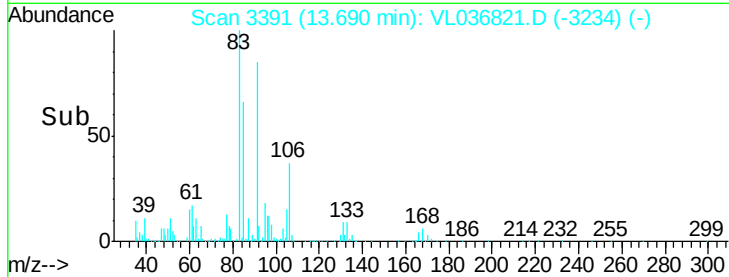
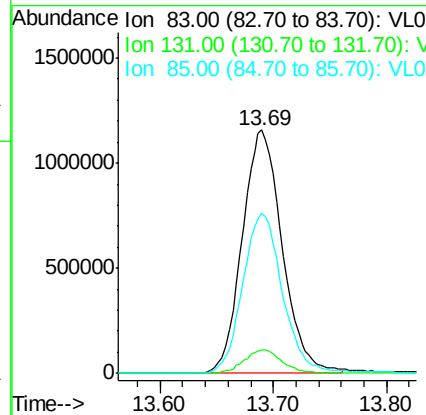
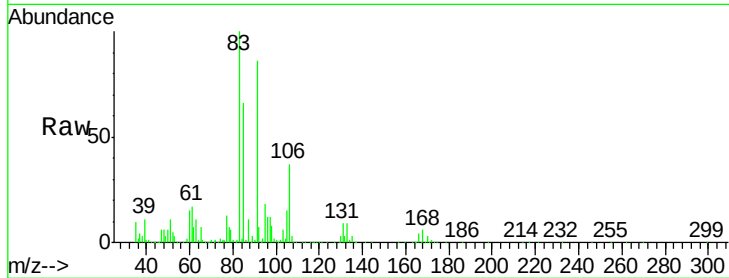
85 66.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/21/2021

Supervised By :Mahesh Dadoda 04/21/2021



#64

n-propylbenzene

Concen: 11.021 ppbv

RT: 15.57 min Scan# 3977

Delta R.T. 0.01 min

Lab File: VL036821.D

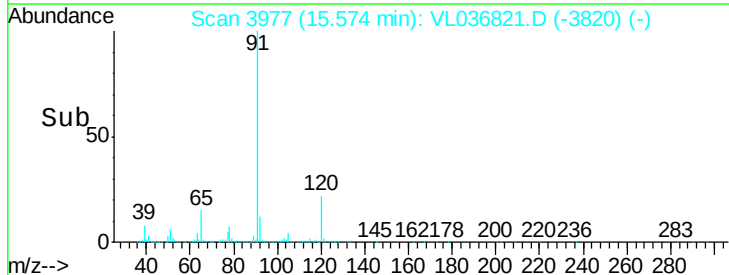
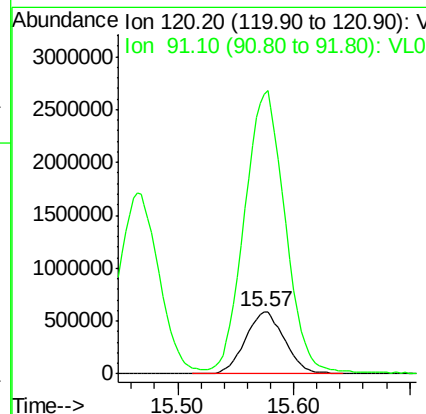
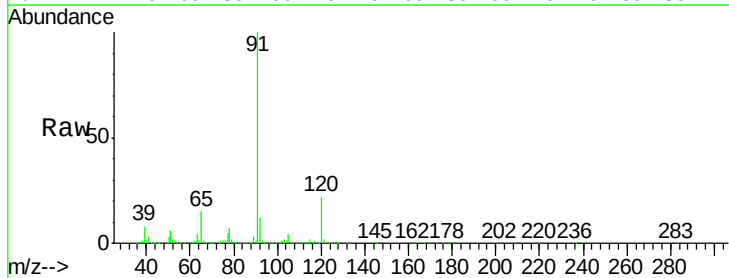
Acq: 20 Apr 2021 14:05

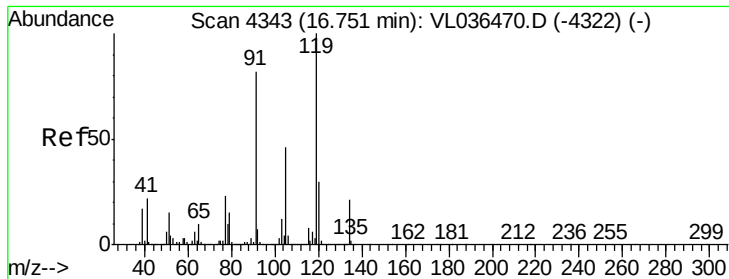
Tgt Ion:120 Resp: 1380712

Ion Ratio Lower Upper

120 100

91 475.9 377.4 566.2





#65

tert-Butylbenzene

Concen: 10.338 ppbv

RT: 16.76

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 20 Apr 2021 14:05

Tot Ion:1

Ion Rati

119 100

91 84.

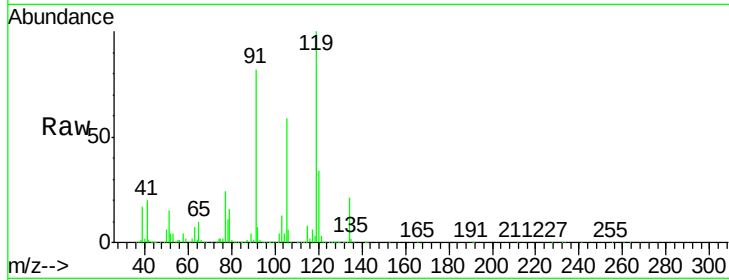
134 19.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/21/2021

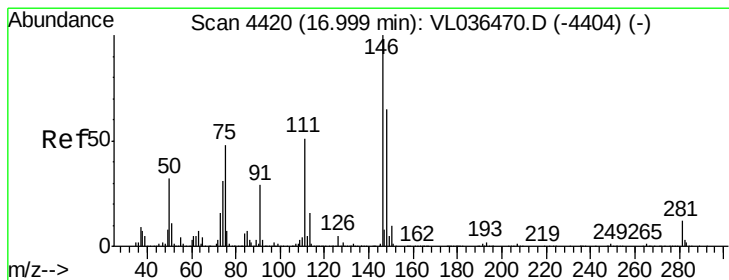
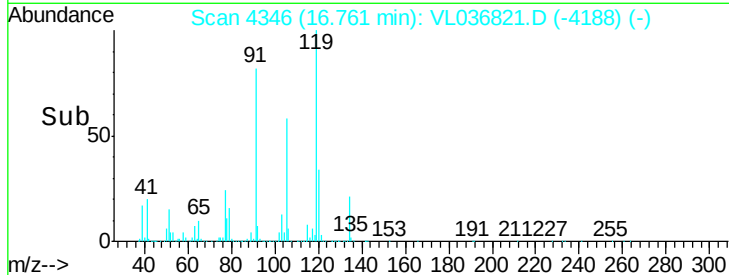
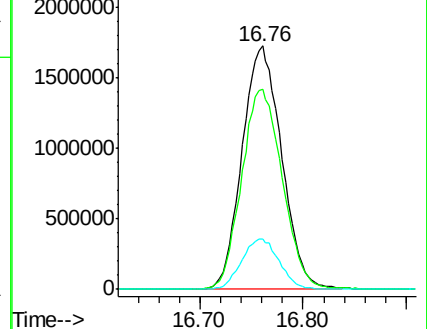
Supervised By :Mahesh Dadoda 04/21/2021



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: 13.021 ppbv

RT: 17.00 min Scan# 4421

Delta R.T. 0.00 min

Lab File: VL036821.D

Acq: 20 Apr 2021 14:05

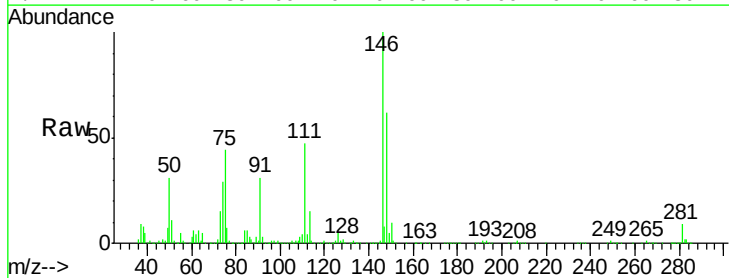
Tgt Ion: 91 Resp: 639485

Ion Ratio Lower Upper

91 100

126 17.1 13.5 20.3

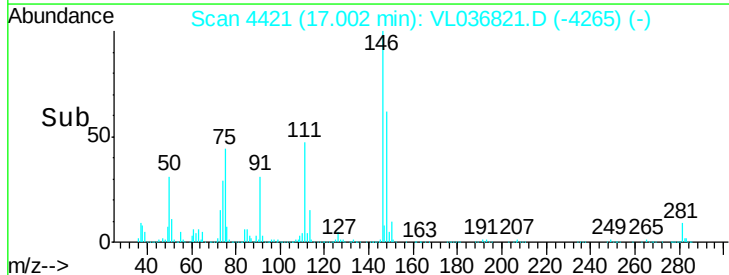
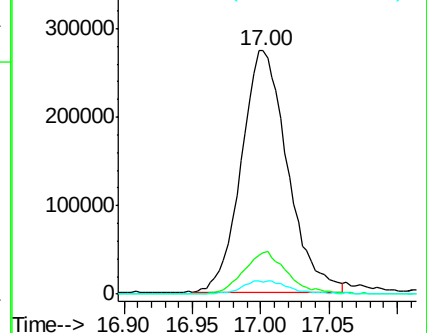
128 6.0 4.2 6.4

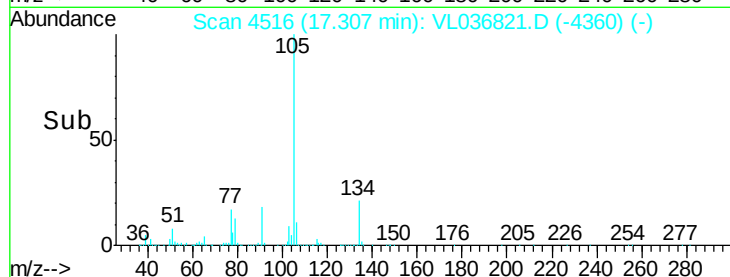
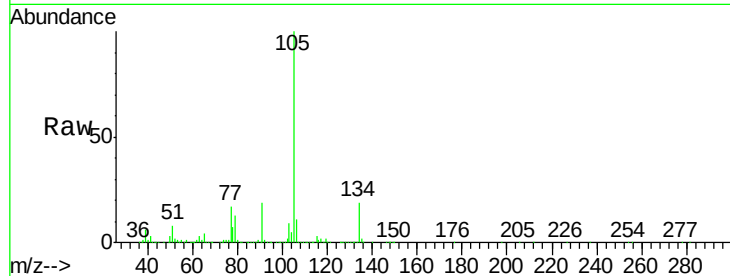
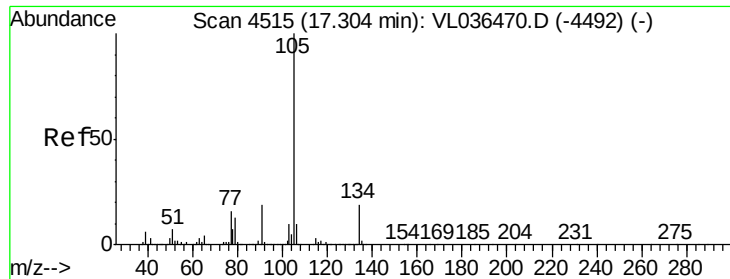


Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 126.10 (125.80 to 126.80): V

Ion 128.10 (127.80 to 128.80): V



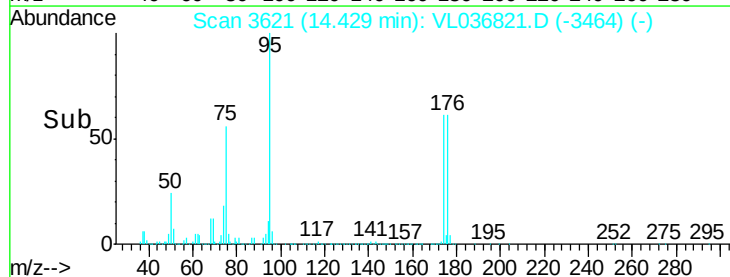
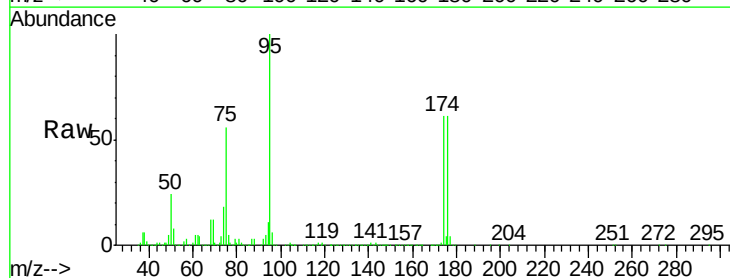
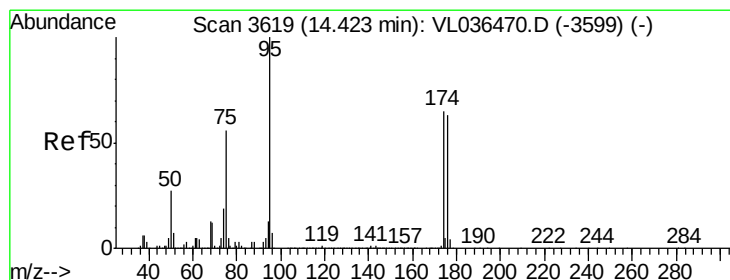
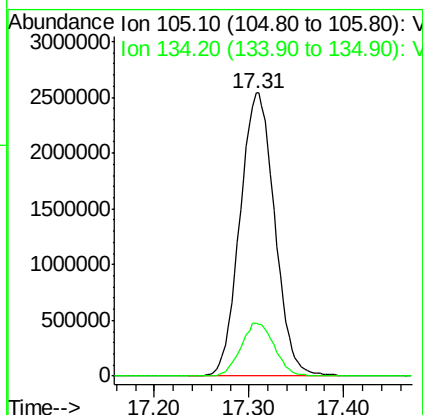


#67
 sec-Butylbenzene
 Concen: 10.307 ppbv
 RT: 17.31 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL0420ABS01
 Acq: 20 Apr 2021 14:05

Tot Ion: 1
 Ion Ratio
 105 100
 134 18.

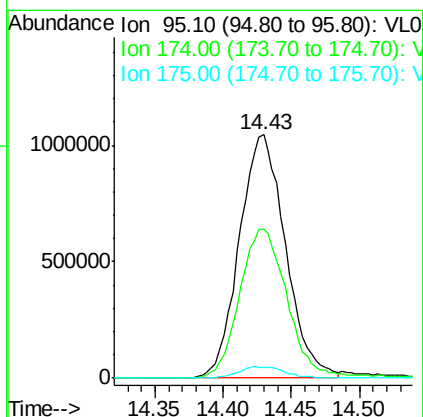
Manual Integrations
 APPROVED

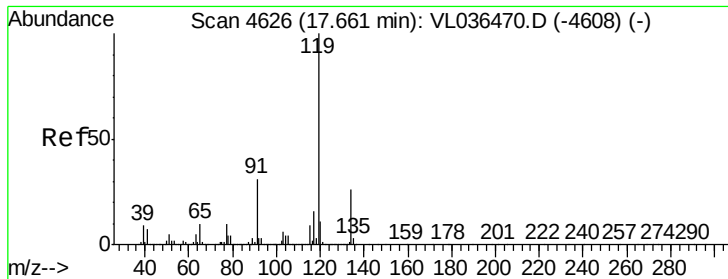
Reviewed By : Semsettin Yesilyurt 04/21/2021
 Supervised By : Mahesh Dadoda 04/21/2021



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.905 ppbv
 RT: 14.43 min Scan# 3621
 Delta R.T.: 0.01 min
 Lab File: VL036821.D
 Acq: 20 Apr 2021 14:05

Tgt Ion: 95 Resp: 2448152
 Ion Ratio Lower Upper
 95 100
 174 64.2 51.0 76.6
 175 4.7 3.9 5.9



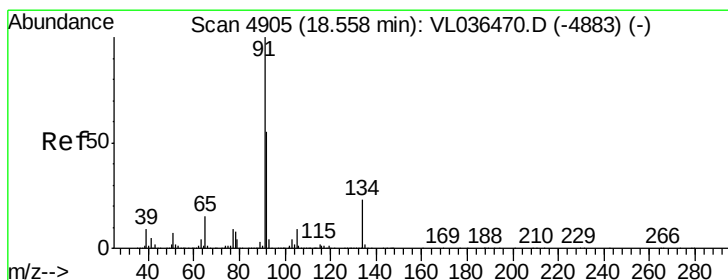
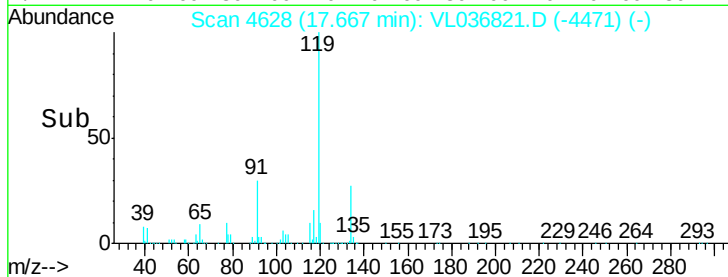
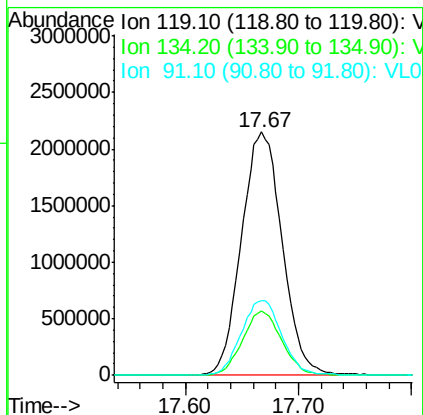
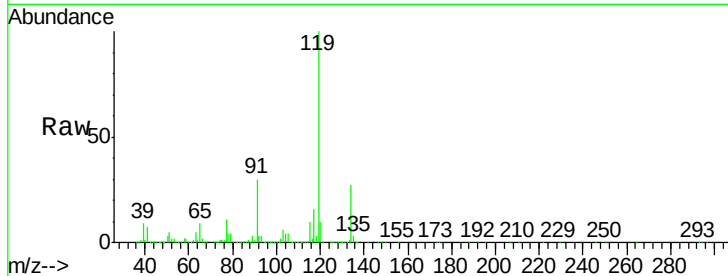


#69
 p-Isopropyltoluene
 Concen: 10.975 ppbv
 RT: 17.67 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL0420ABS01
 Acq: 20 Apr 2021 14:05

Tot Ion: 1
 Ion Ratio
 119 100
 134 25.
 91 30.

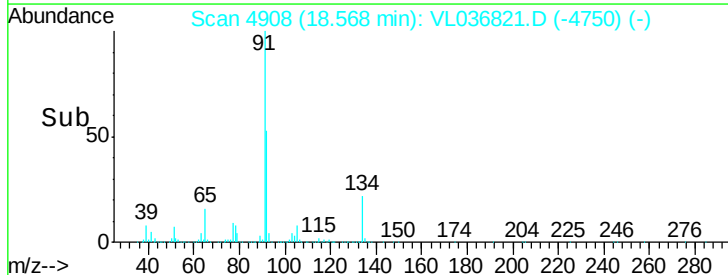
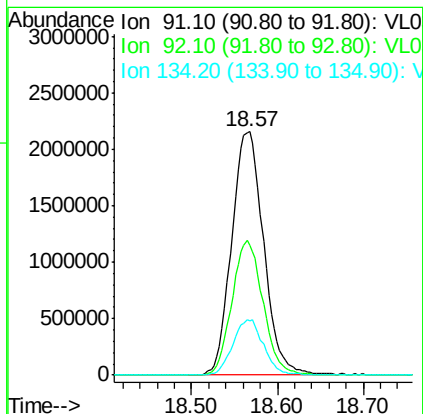
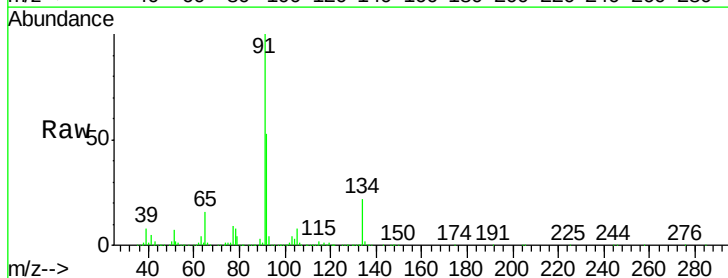
Manual Integrations
 APPROVED

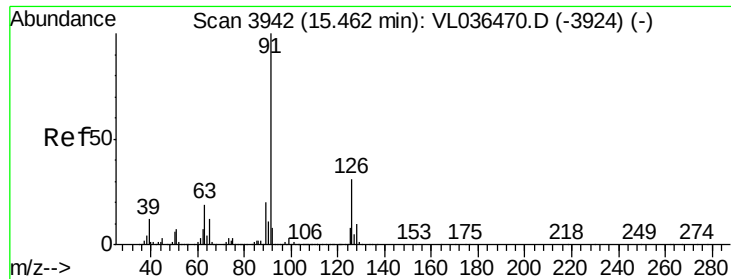
Reviewed By : Semsettin Yesilyurt 04/21/2021
 Supervised By : Mahesh Dadoda 04/21/2021



#70
 n-Butylbenzene
 Concen: 10.927 ppbv
 RT: 18.57 min Scan# 4908
 Delta R.T.: 0.01 min
 Lab File: VL036821.D
 Acq: 20 Apr 2021 14:05

Tgt Ion: 91 Resp: 5548959
 Ion Ratio Lower Upper
 91 100
 92 54.2 43.8 65.8
 134 22.1 18.0 27.0



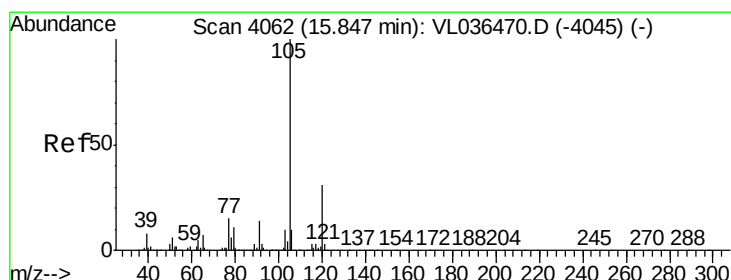
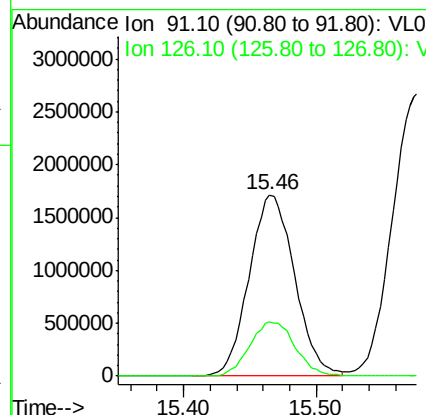
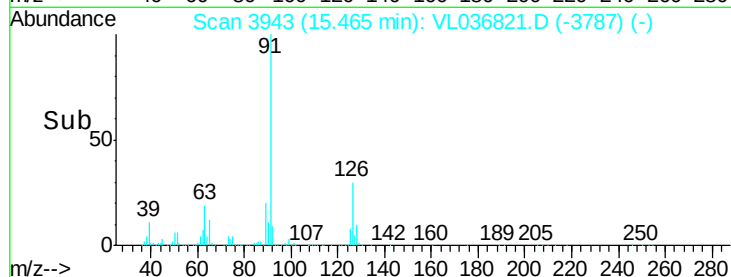
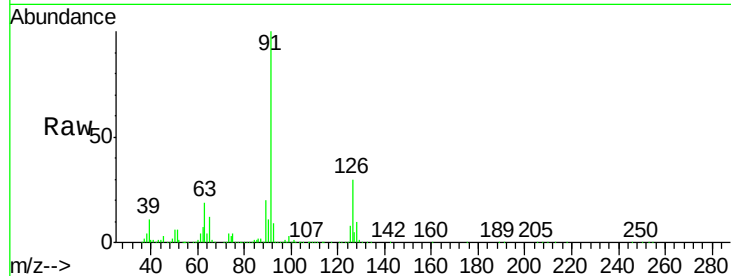


#71
 2-Chlorotoluene
 Concen: 10.680 ppbv
 RT: 15.46 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL0420ABS01
 Acq: 20 Apr 2021 14:05

Tot Ion:
 Ion Ratio
 91 100
 126 30.

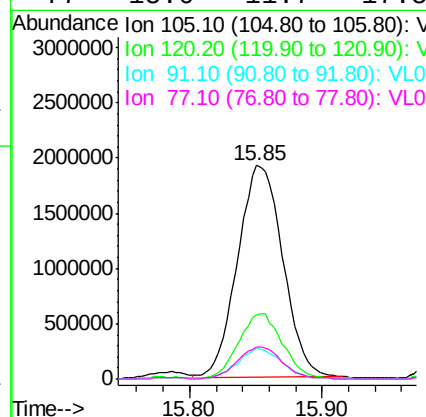
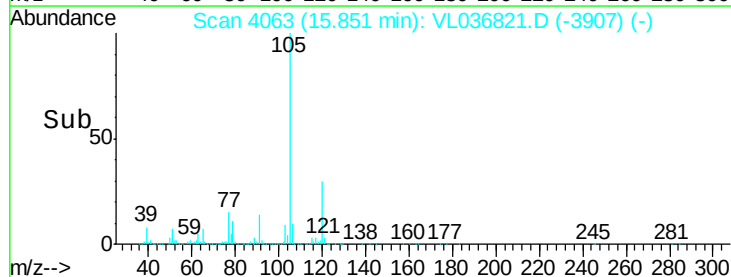
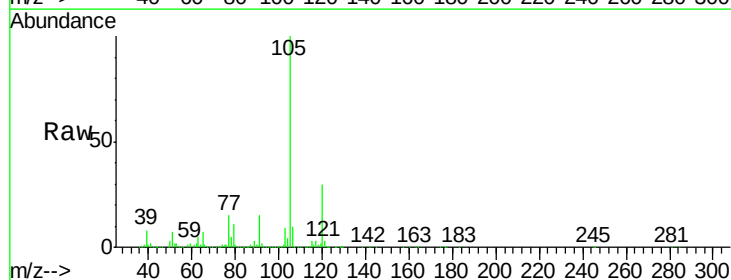
Manual Integrations
 APPROVED

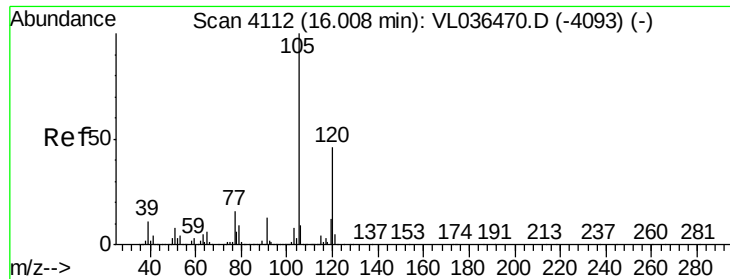
Reviewed By :Semsettin Yesilyurt 04/21/2021
 Supervised By :Mahesh Dadoda 04/21/2021



#72
 4-Ethyltoluene
 Concen: 10.905 ppbv
 RT: 15.85 min Scan# 4063
 Delta R.T.: 0.00 min
 Lab File: VL036821.D
 Acq: 20 Apr 2021 14:05

Tgt Ion:105 Resp: 4546642
 Ion Ratio Lower Upper
 105 100
 120 30.2 24.0 36.0
 91 13.9 11.0 16.4
 77 15.0 11.7 17.5





#73

1,3,5-Trimethylbenzene

Concen: 10.768 ppbv

RT: 16.01

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 20 Apr 2021 14:05

Tot Ion:1

Ion Rati

105 100

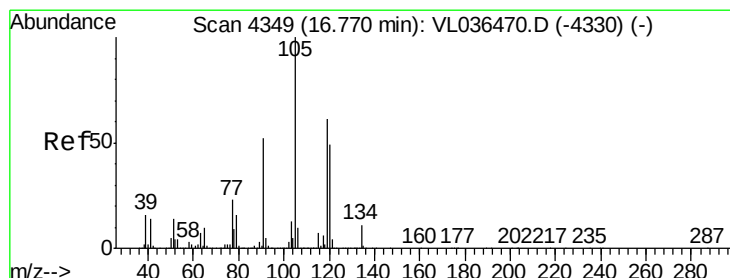
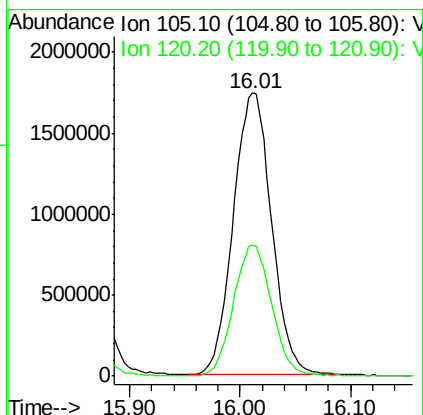
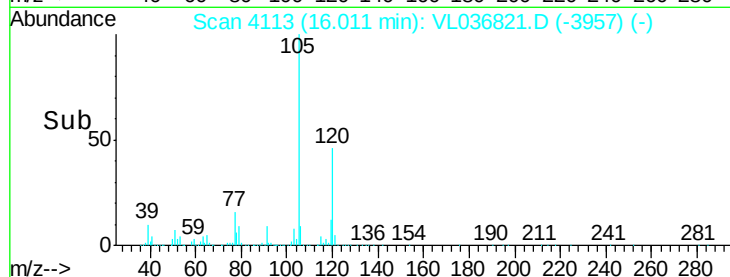
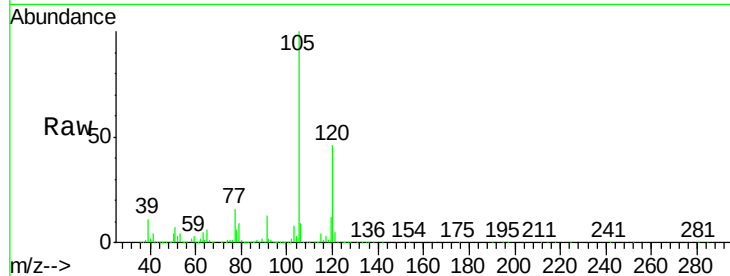
120 46.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/21/2021

Supervised By :Mahesh Dadoda 04/21/2021



#74

1,2,4-Trimethylbenzene

Concen: 10.312 ppbv

RT: 16.78 min Scan# 4352

Delta R.T. 0.01 min

Lab File: VL036821.D

Acq: 20 Apr 2021 14:05

Tgt Ion:105 Resp: 4294324

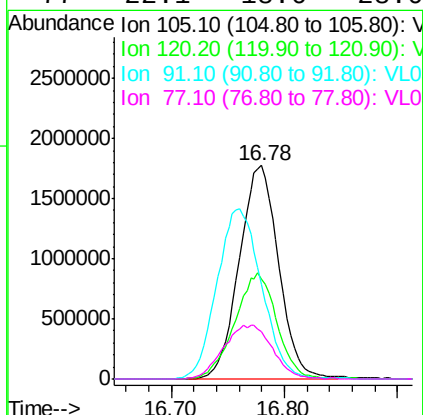
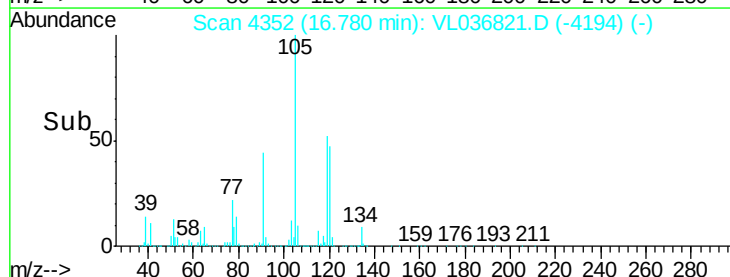
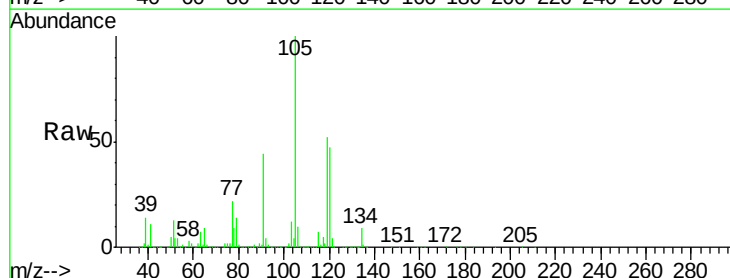
Ion Ratio Lower Upper

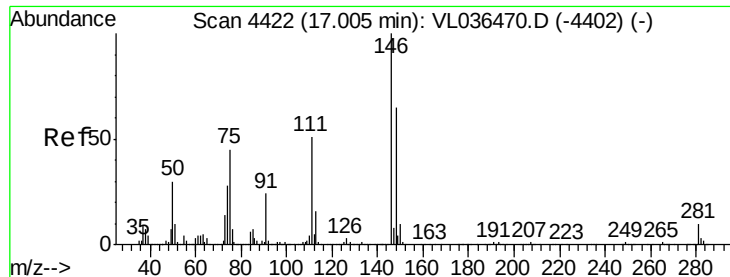
105 100

120 46.5 39.2 58.8

91 44.1 42.6 64.0

77 22.1 18.6 28.0



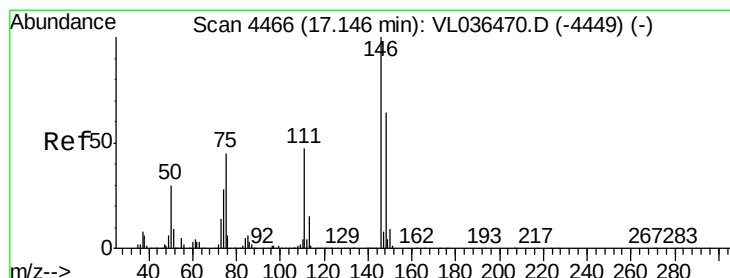
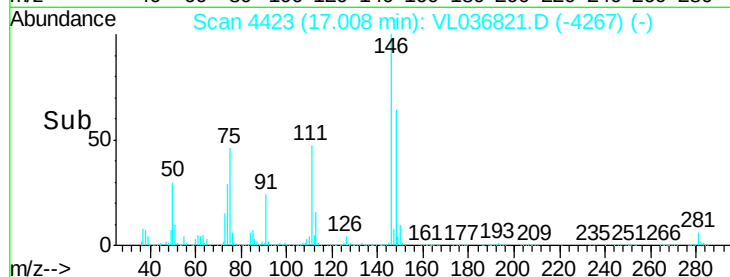
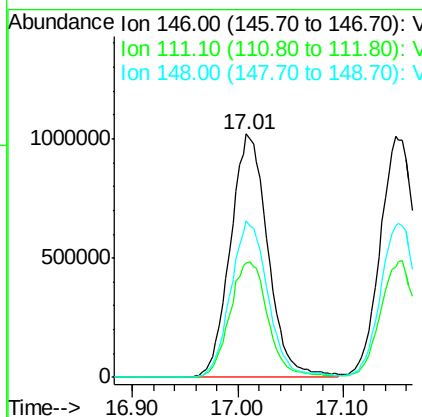
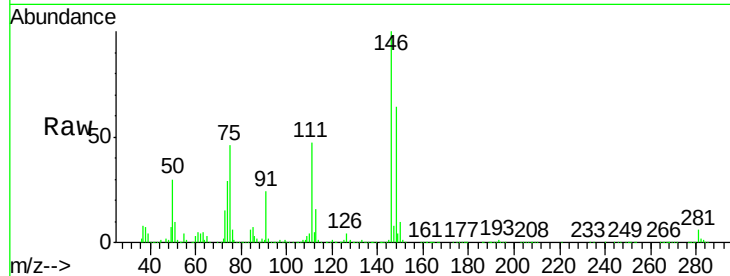


#75
 1,3-Dichlorobenzene
 Concen: 10.733 ppbv
 RT: 17.01 min
 Instrument: MSVOA_1
 Delta R.T.: 0.00 min
 Lab File: VL0420ABS01
 Acq: 20 Apr 2021 14:05

Tot Ion: 1
 Ion Ratio
 146 100
 111 48.7
 148 63.3

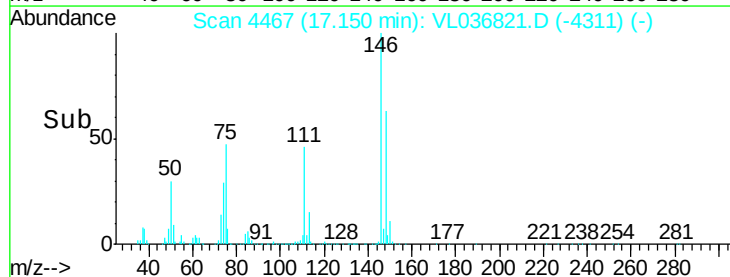
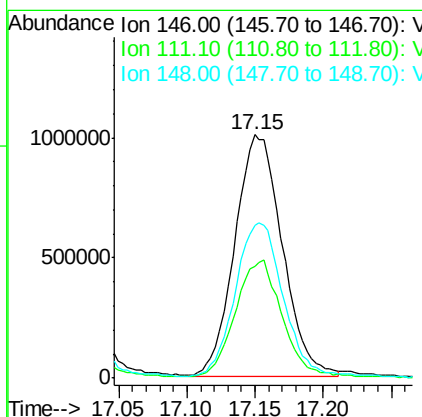
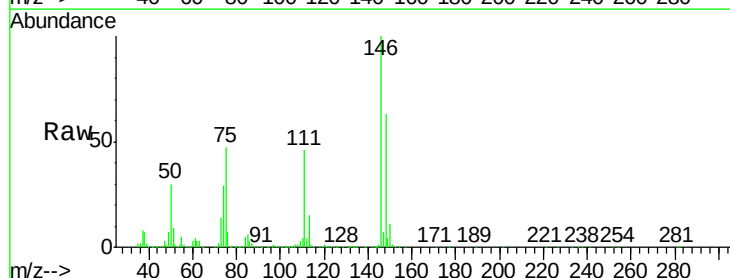
Manual Integrations
 APPROVED

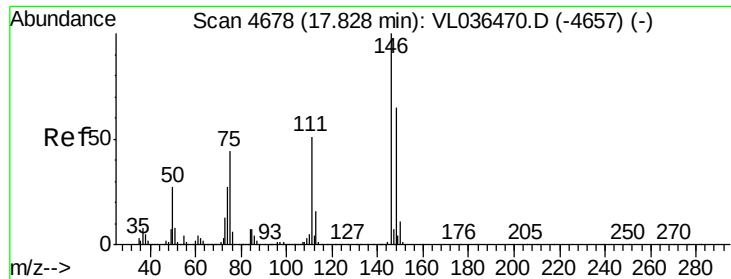
Reviewed By : Semsettin Yesilyurt 04/21/2021
 Supervised By : Mahesh Dadoda 04/21/2021



#76
 1,4-Dichlorobenzene
 Concen: 10.468 ppbv
 RT: 17.15 min Scan# 4467
 Delta R.T.: 0.00 min
 Lab File: VL036821.D
 Acq: 20 Apr 2021 14:05

Tgt Ion: 146 Resp: 2436162
 Ion Ratio Lower Upper
 146 100
 111 48.7 24.3 72.8
 148 65.7 33.0 98.9





#77

1,2-Dichlorobenzene

Concen: 10.918 ppbv

RT: 17.83

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 20 Apr 2021 14:05

Tot Ion:1

Ion Rati

146 100

111 50.

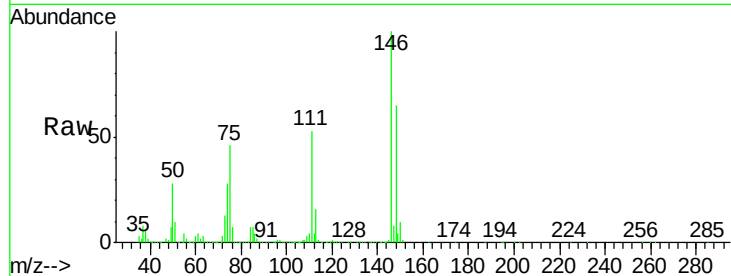
148 65.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/21/2021

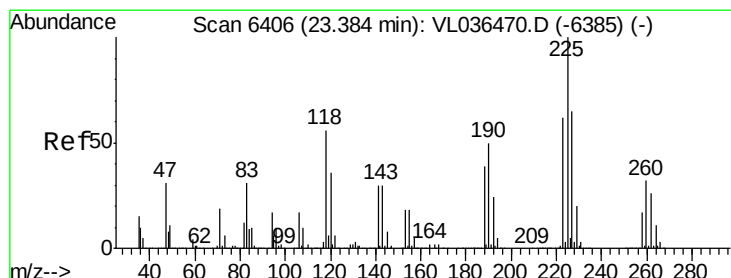
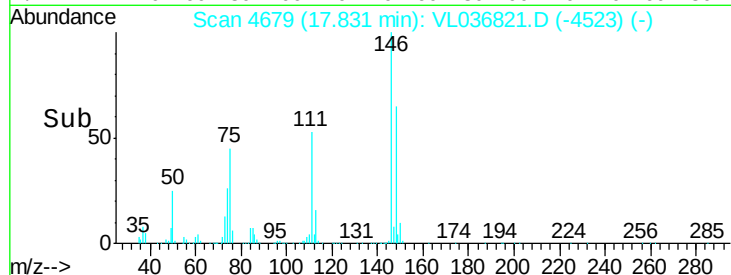
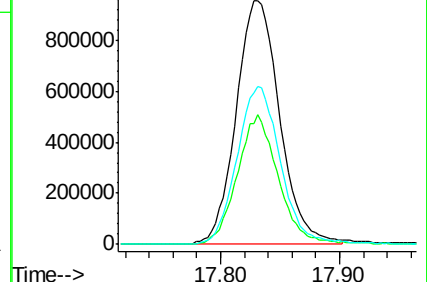
Supervised By :Mahesh Dadoda 04/21/2021



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V



#78

Hexachloro-1,3-Butadiene

Concen: 9.123 ppbv

RT: 23.39 min Scan# 6408

Delta R.T. 0.01 min

Lab File: VL036821.D

Acq: 20 Apr 2021 14:05

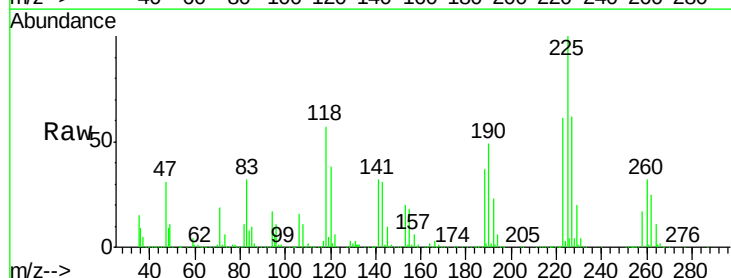
Tgt Ion:225 Resp: 1800313

Ion Ratio Lower Upper

225 100

223 64.0 50.6 75.8

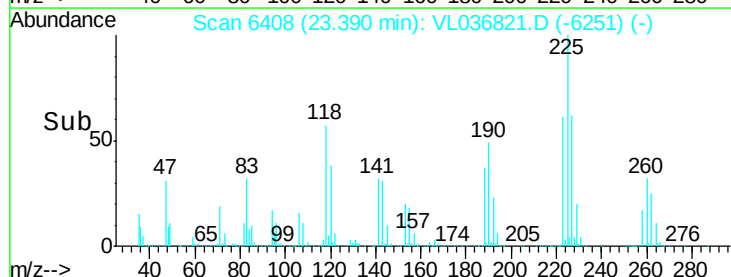
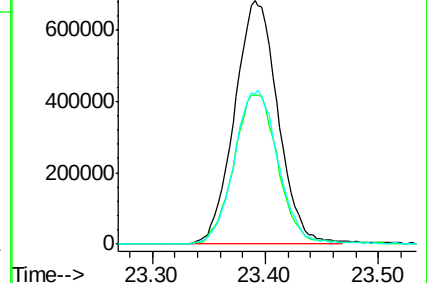
227 64.8 52.2 78.2

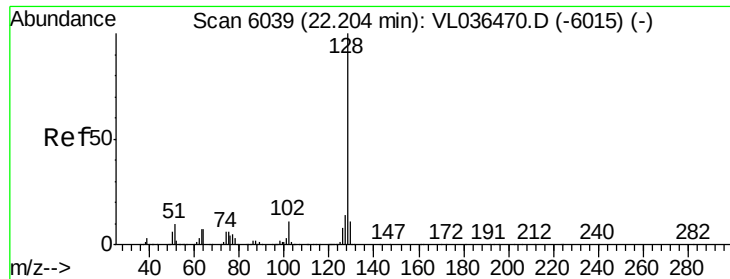


Abundance Ion 224.90 (224.60 to 225.60): V

Ion 222.90 (222.60 to 223.60): V

Ion 226.90 (226.60 to 227.60): V





#79

Naphthalene

Concen: 11.888 ppbv

RT: 22.21

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 20 Apr 2021 14:05

Tot Ion:1

Ion Rati

128 100

127 13.

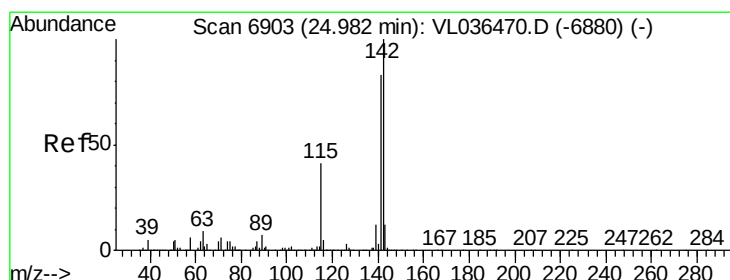
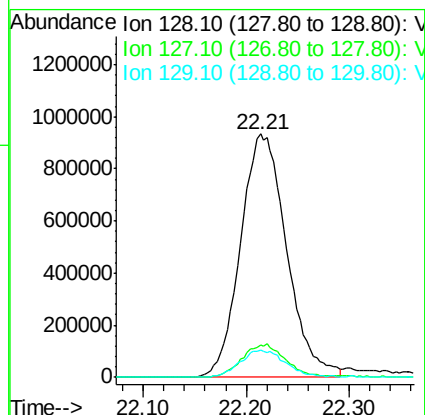
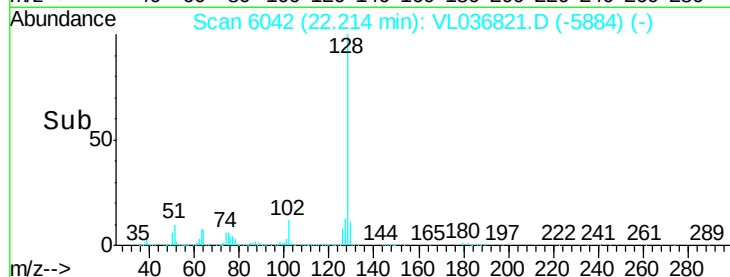
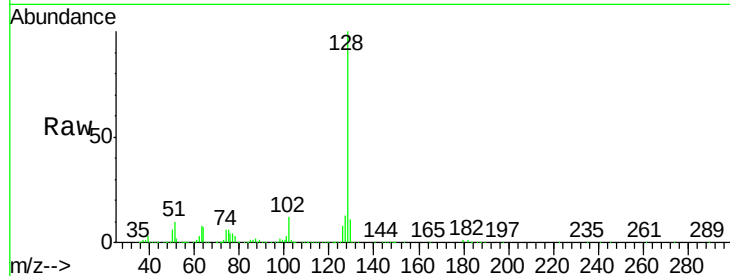
129 11.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/21/2021

Supervised By :Mahesh Dadoda 04/21/2021



#80

Naphthalene, 2-methyl-

Concen: 11.622 ppbv

RT: 24.99 min Scan# 6905

Delta R.T. 0.01 min

Lab File: VL036821.D

Acq: 20 Apr 2021 14:05

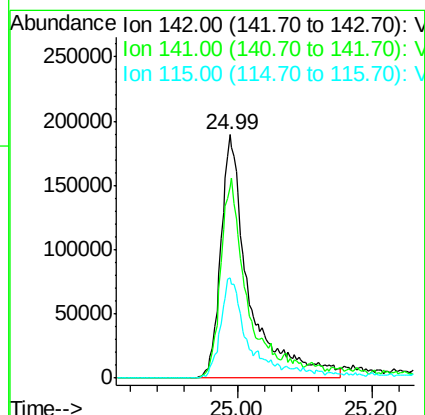
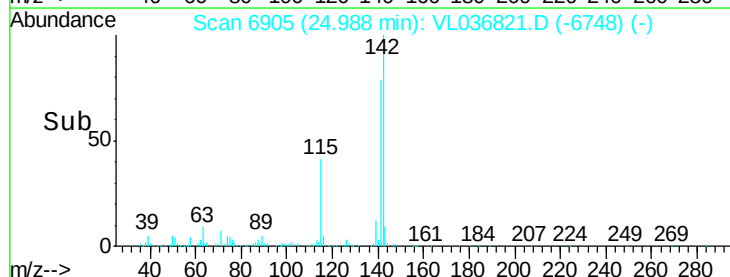
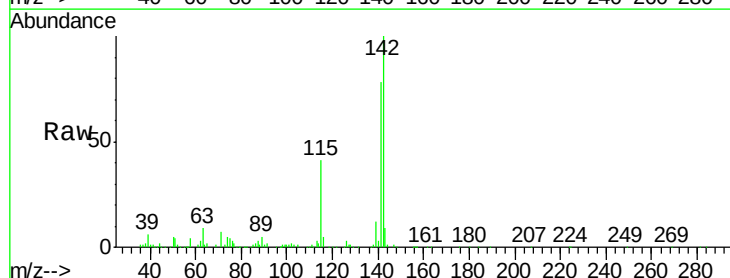
Tgt Ion:142 Resp: 556923

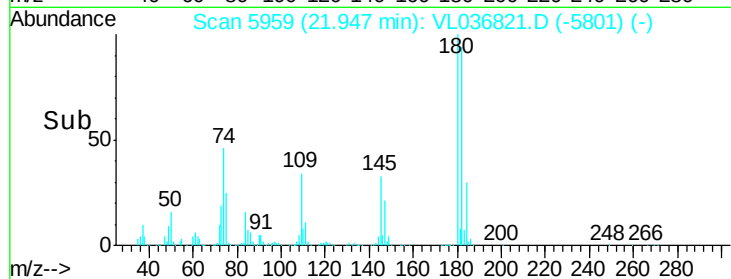
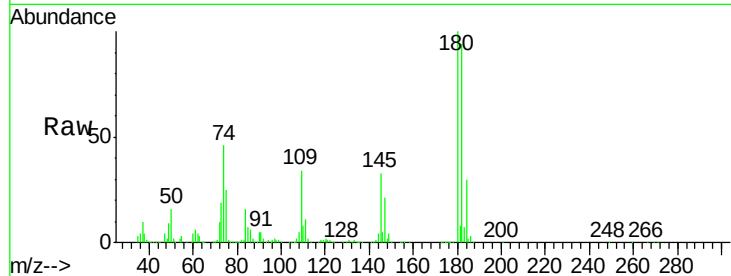
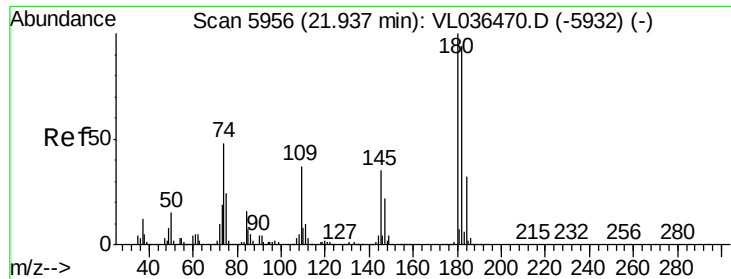
Ion Ratio Lower Upper

142 100

141 87.0 67.8 101.8

115 40.7 34.0 51.0





#81

1,2,4-Trichlorobenzene

Concen: 11.368 ppbv

RT: 21.95

Delta R.T: MSVOA_L

Lab File: ClientSampleId :

VL0420ABS01

Acq: 20 Apr 2021 14:05

Tot Ion:1

Ion Rati

180 100

182 99.

184 31.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/21/2021

Supervised By :Mahesh Dadoda 04/21/2021

