

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL050621\
 Data File : VL036911.D
 Acq On : 6 May 2021 19:53
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
 APPROVED

Quant Time: May 07 09:10:23 2021

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL042721A

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

QLast Update : Tue Apr 27 16:56:35 2021

Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 05/08/2021
 Supervised By :Mahesh Dadoda 05/10/2021

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1417503	10.00	ppbv	0.01
33) 1,4-Difluorobenzene	7.18	114	3657553	10.00	ppbv	0.01
55) Chlorobenzene-d5	12.09	117	3368438m	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2745591	10.15	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.50%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.05	85	2158974	9.671	ppbv 100
3) Chlorodifluoromethane	2.99	51	2761380	10.695	ppbv 100
4) Chloromethane	3.14	50	940614	11.084	ppbv 96
5) Vinyl Chloride	3.26	62	933814	10.909	ppbv 97
6) Bromomethane	3.48	94	531665	11.550	ppbv 97
7) Chloroethane	3.56	64	333635	11.861	ppbv 91
8) Dichlorotetrafluoroethane	3.19	85	2220064	10.903	ppbv 99
9) Propene	3.01	41	920416	11.698	ppbv 100
10) Heptane	8.13	43	2314236	11.695	ppbv 98
11) Trichlorofluoromethane	3.95	101	2201833	11.049	ppbv 99
12) 1,1,2-Trichlorotrifluoroet	4.49	101	1477911	11.082	ppbv 100
13) Ethanol	3.62	45	91716	9.141	ppbv 98
14) Bromoethene	3.74	108	639440	11.735	ppbv 99
15) Acetone	3.86	43	1259858	9.430	ppbv 100
16) 1,3-Butadiene	3.33	39	959727	11.234	ppbv 98
17) tert-Butyl alcohol	4.30	59	1243657	11.468	ppbv 98
18) 1,1-Dichloroethene	4.29	96	676039	11.664	ppbv 91
19) Isopropyl Alcohol	3.97	45	744772	11.251	ppbv # 95
20) Methylene Chloride	4.35	84	535387	8.380	ppbv 94
21) Allyl Chloride	4.42	41	1128720	11.369	ppbv 97
22) trans-1,2-Dichloroethene	4.89	96	609975	10.487	ppbv 98
23) Vinyl Acetate	5.08	43	2528168	13.911	ppbv 99
24) 1,1-Dichloroethane	5.02	63	1752159	13.581	ppbv 98
25) Ethyl Acetate	5.68	43	3598315	11.026	ppbv 100
26) Hexane	5.69	57	1660450	10.875	ppbv 96
27) Carbon Disulfide	4.56	76	1651256	12.451	ppbv 99
28) Methyl tert-Butyl Ether	5.04	73	1965832	14.525	ppbv 99
29) Chloroform	5.76	83	2601937	10.931	ppbv 100
30) Cyclohexane	7.14	84	1430609	11.815	ppbv 96
31) cis-1,2-Dichloroethene	5.56	61	1649901	12.038	ppbv 98
32) 1,1,1-Trichloroethane	6.52	97	2674059	11.047	ppbv 99
34) 2-Butanone	5.25	43	1774023	11.072	ppbv 98
35) Carbon Tetrachloride	7.02	117	2797175	11.271	ppbv 97
36) Benzene	6.90	78	3557441	11.544	ppbv 98
37) 1,2-Dichloroethane	6.31	62	1965977	11.266	ppbv 99
38) Trichloroethene	7.84	130	1266514	11.543	ppbv 98
39) 1,2-Dichloropropane	7.62	63	1374695	11.135	ppbv 97
40) 1,4-Dioxane	7.84	88	326800	10.962	ppbv 97
41) Tetrahydrofuran	6.06	42	857687	12.238	ppbv 99
42) Bromodichloromethane	7.80	83	2818373	11.624	ppbv 98
43) Methyl Methacrylate	8.02	69	1282280	12.752	ppbv 97

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Instrument :
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 ClientSampleId :
 VSTDCCC010EC

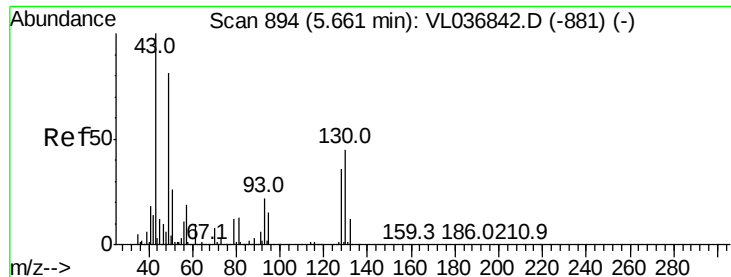
Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 05/08/2021
 Supervised By : Mahesh Dadoda 05/10/2021

Quant Time: May 07 09:10:23 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL042721A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Tue Apr 27 16:56:35 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.88	57	5875810	11.126	ppbv	99
45) t-1,3-Dichloropropene	9.28	75	1426215	13.157	ppbv	96
46) cis-1,3-Dichloropropene	8.71	75	1810308	13.025	ppbv	100
47) 1,1,2-Trichloroethane	9.48	97	1430923	11.195	ppbv	98
48) Dibromochloromethane	10.31	129	2323209	12.266	ppbv	99
49) Bromoform	13.04	173	1872642	12.385	ppbv	100
50) 4-Methyl-2-Pentanone	8.75	43	2623743	11.981	ppbv	98
51) 2-Hexanone	10.14	43	1323962	12.121	ppbv #	95
52) Tetrachloroethene	11.23	164	1195960	11.397	ppbv	99
53) Toluene	9.81	91	3927690	12.180	ppbv	99
54) 1,2-Dibromoethane	10.62	107	2019255	11.189	ppbv	100
56) 1,1,1,2-Tetrachloroethane	12.13	131	1545553	10.945	ppbv #	63
57) Chlorobenzene	12.15	112	2837428	10.815	ppbv	98
58) Ethyl Benzene	12.71	91	5190764	12.150	ppbv	98
59) m/p-Xylene	13.00	91	8687540m	22.751	ppbv	
60) o-Xylene	13.70	91	4094588	11.090	ppbv	100
61) Styrene	13.53	104	2361463	13.619	ppbv	100
62) Isopropylbenzene	14.67	105	5518568	10.986	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.68	83	2969524	10.033	ppbv	100
64) n-propylbenzene	15.57	120	1449761	11.580	ppbv	100
65) tert-Butylbenzene	16.75	119	4852426	10.925	ppbv	99
66) Benzyl Chloride	16.99	91	493027	11.353	ppbv	99
67) sec-Butylbenzene	17.29	105	6860680	11.124	ppbv	100
69) p-Isopropyltoluene	17.65	119	5599393	11.325	ppbv	99
70) n-Butylbenzene	18.55	91	5759211	11.556	ppbv	100
71) 2-Chlorotoluene	15.46	91	4284898	11.517	ppbv	100
72) 4-Ethyltoluene	15.84	105	4783809	12.071	ppbv	99
73) 1,3,5-Trimethylbenzene	16.00	105	4354479	11.330	ppbv	99
74) 1,2,4-Trimethylbenzene	16.77	105	4473461	10.958	ppbv	98
75) 1,3-Dichlorobenzene	17.00	146	2571754	10.657	ppbv	99
76) 1,4-Dichlorobenzene	17.14	146	2470383	10.460	ppbv	99
77) 1,2-Dichlorobenzene	17.82	146	2493545	10.579	ppbv	100
78) Hexachloro-1,3-Butadiene	23.38	225	1813699	9.055	ppbv	99
79) Naphthalene	22.20	128	2837883	12.412	ppbv	99
80) Naphthalene, 2-methyl-	24.98	142	360832	14.311	ppbv	95
81) 1,2,4-Trichlorobenzene	21.93	180	1662122	11.239	ppbv	99

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 6 May 2021 19:55 VSTDCCC010EC

Tot Ion:

Ion Ratio

49 100

128 48.

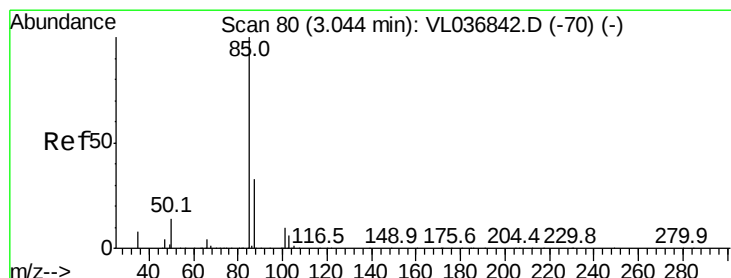
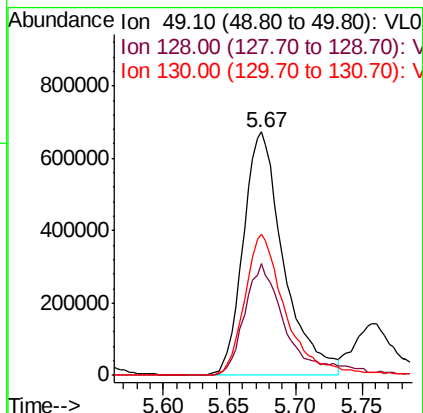
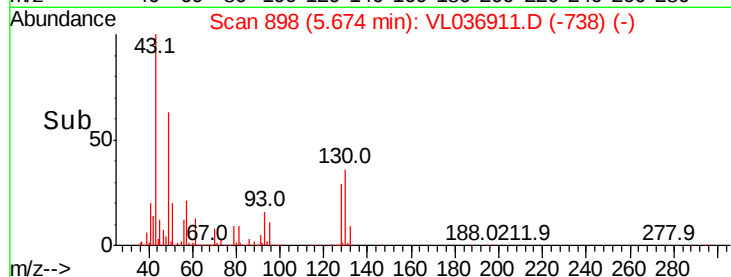
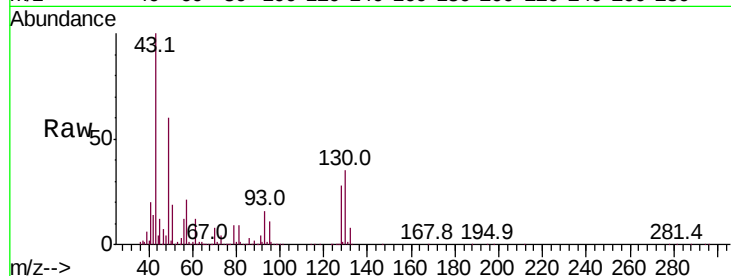
130 59.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2021

Supervised By :Mahesh Dadoda 05/10/2021



#2

Dichlorodifluoromethane

Concen: 9.671 ppbv

RT: 3.05 min Scan# 82

Delta R.T. 0.01 min

Lab File: VL036911.D

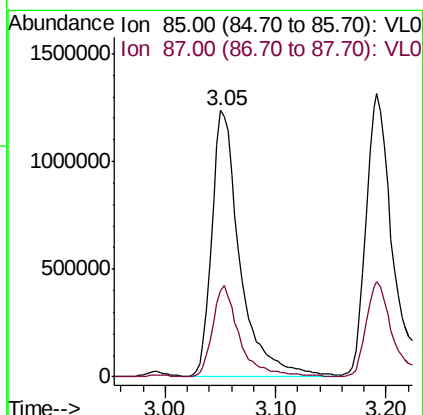
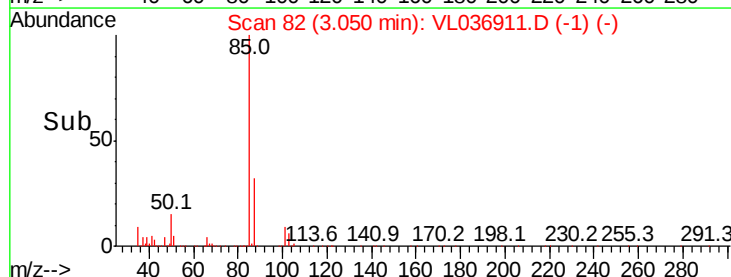
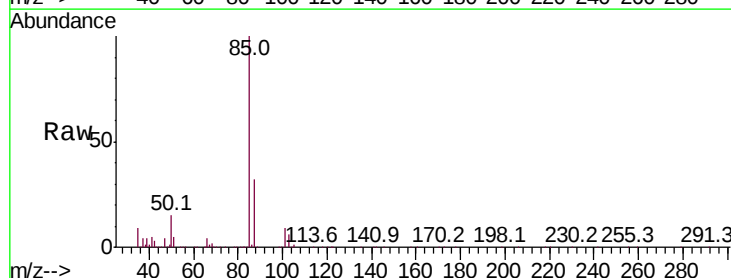
Acq: 6 May 2021 19:53

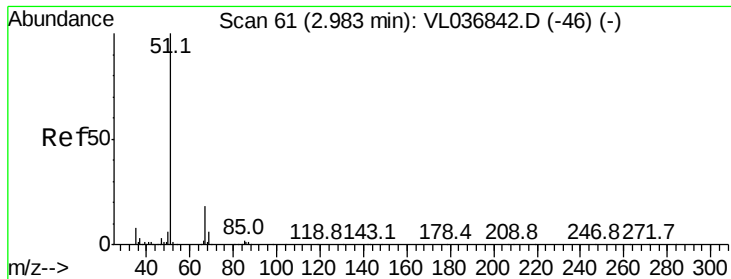
Tgt Ion: 85 Resp: 2158974

Ion Ratio Lower Upper

85 100

87 32.5 26.2 39.2





#3

Chlorodifluoromethane

Concen: 10.695 ppbv

RT: 2.99 Instrument: MSVOA_1

Delta R.T. 0.01 min

Lab File: ClientSampleId: VSTDCCC010EC

Acq: 6 May 2021 19:55

Tot Ion:

Ion Ratio

51 100

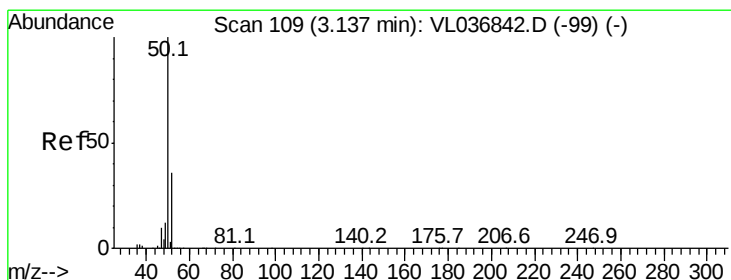
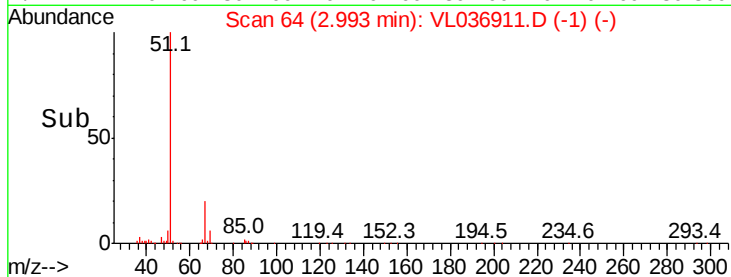
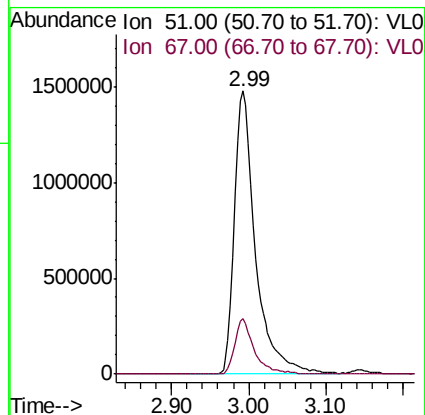
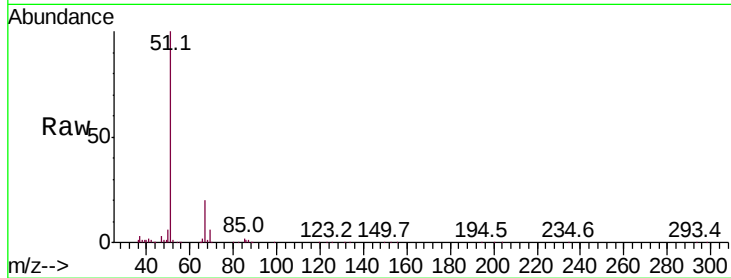
67 18.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/08/2021

Supervised By :Mahesh Dadoda 05/10/2021



#4

Chloromethane

Concen: 11.084 ppbv

RT: 3.14 min Scan# 111

Delta R.T. 0.01 min

Lab File: VL036911.D

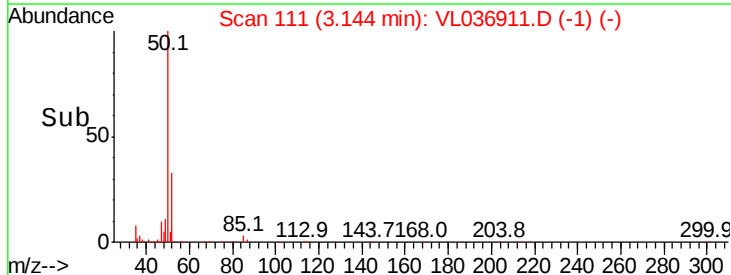
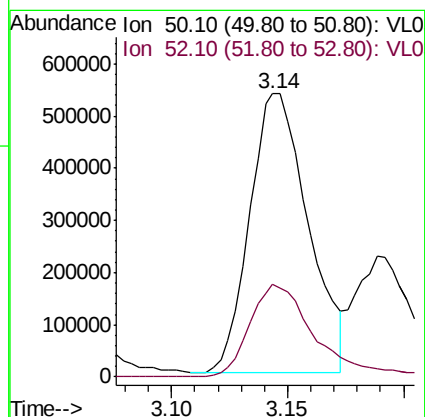
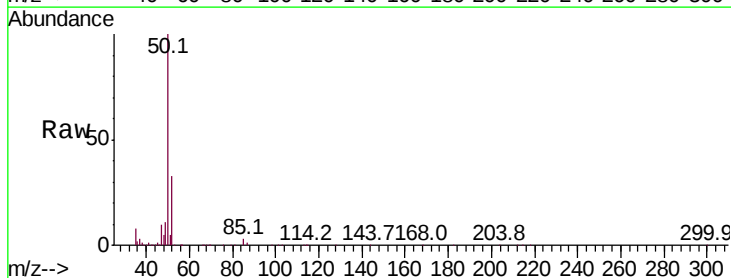
Acq: 6 May 2021 19:53

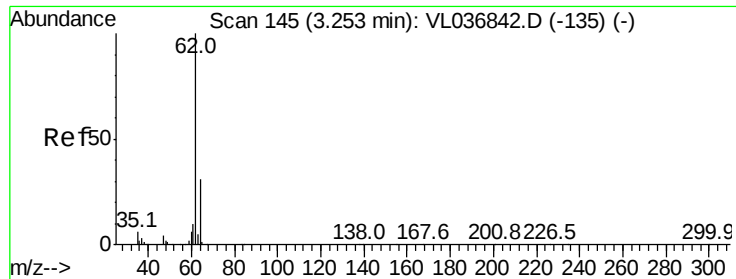
Tgt Ion: 50 Resp: 940614

Ion Ratio Lower Upper

50 100

52 33.1 28.5 42.7





#5

Vinyl Chloride

Concen: 10.909 ppbv

RT: 3.26 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 6 May 2021 19:55 VSTDCCC010EC

Tot Ion:

Ion Ratio

62 100

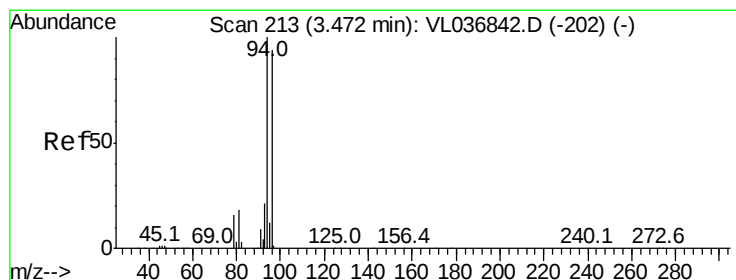
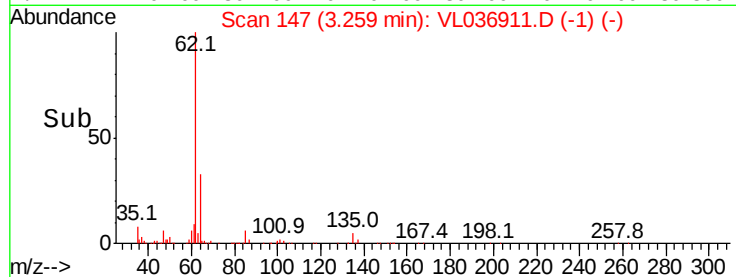
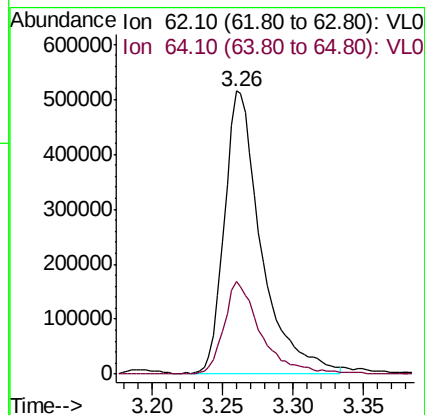
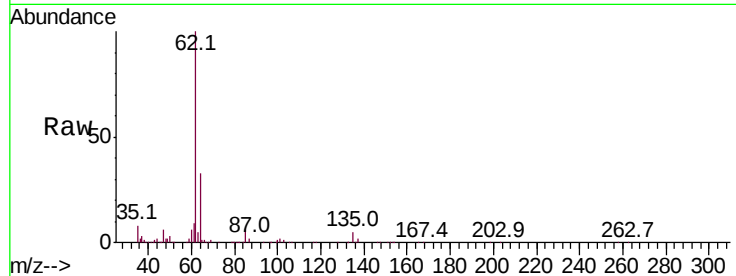
64 32.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2021

Supervised By :Mahesh Dadoda 05/10/2021



#6

Bromomethane

Concen: 11.550 ppbv

RT: 3.48 min Scan# 215

Delta R.T. 0.01 min

Lab File: VL036911.D

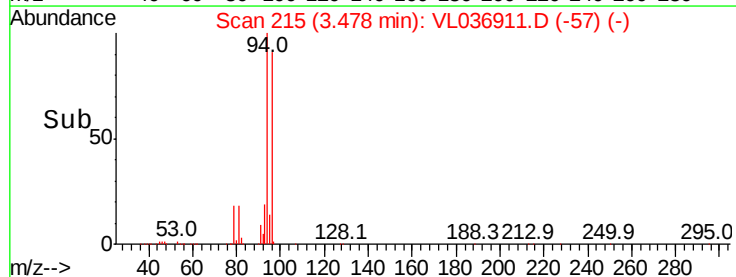
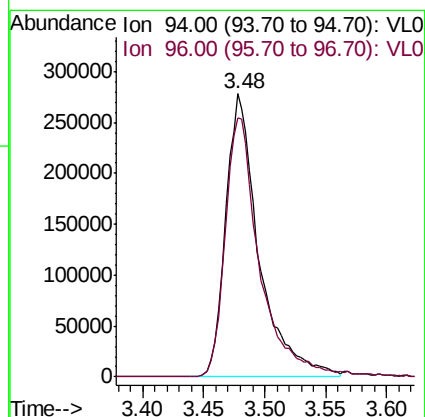
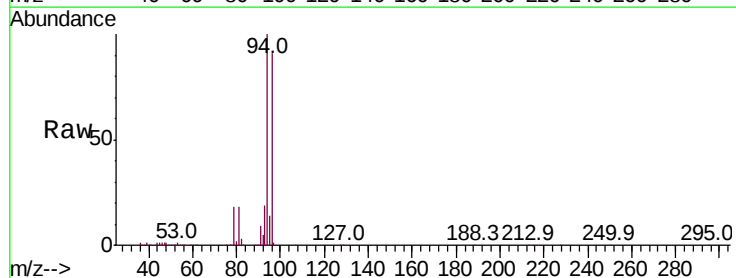
Acq: 6 May 2021 19:53

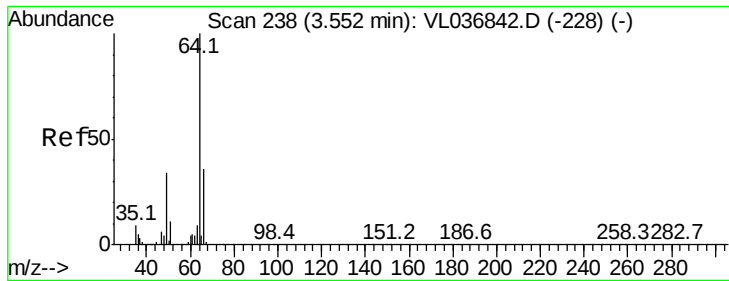
Tgt Ion: 94 Resp: 531665

Ion Ratio Lower Upper

94 100

96 91.3 75.4 113.0





#7

Chloroethane

Concen: 11.861 ppbv

RT: 3.56 Instrument :

Delta R.T. MSVOA_1

Lab File: ClientSampleId :

Acq: 6 May 2021 19:53 VSTDCCC010EC

Tot Ion:

Ion Ratio

64 100

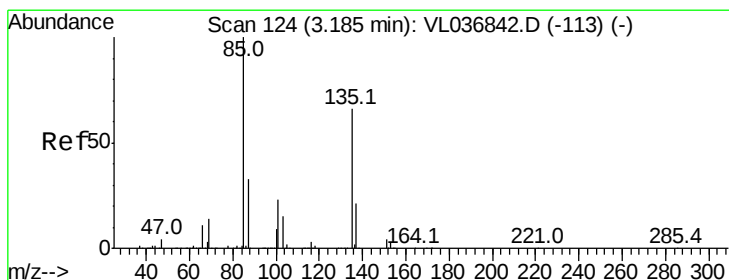
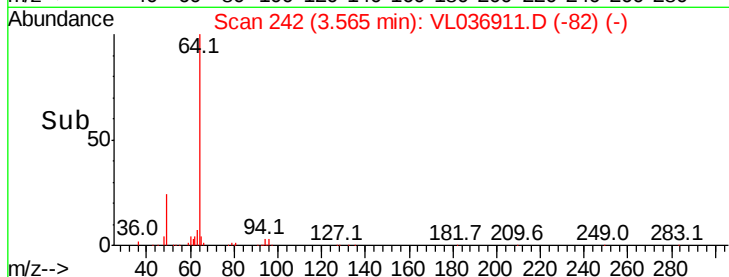
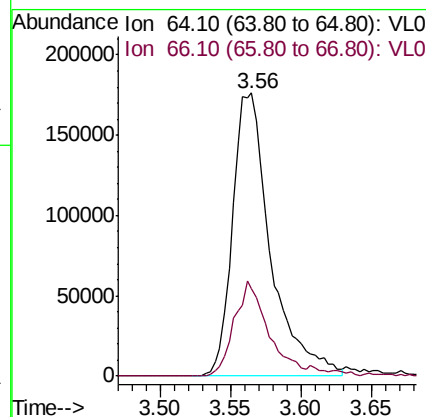
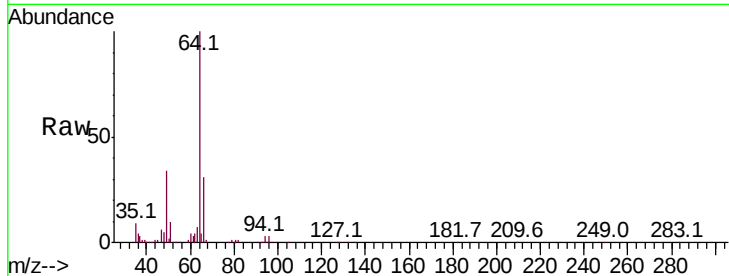
66 31.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2021

Supervised By :Mahesh Dadoda 05/10/2021



#8

Dichlorotetrafluoroethane

Concen: 10.903 ppbv

RT: 3.19 min Scan# 126

Delta R.T. 0.01 min

Lab File: VL036911.D

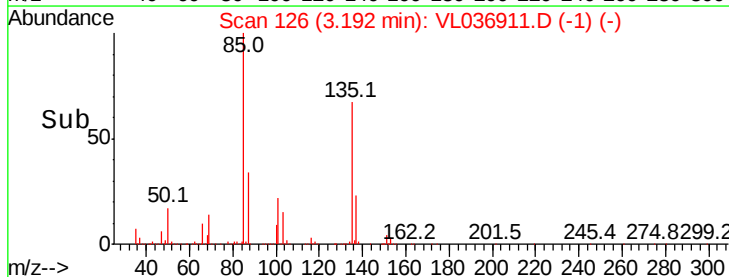
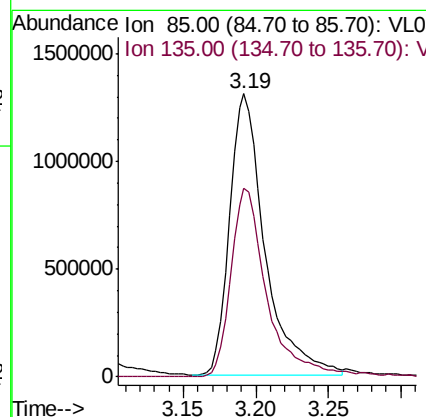
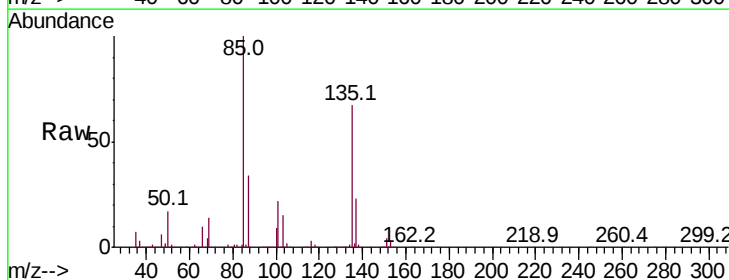
Acq: 6 May 2021 19:53

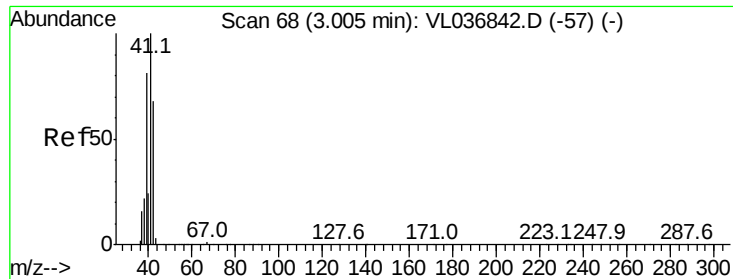
Tgt Ion: 85 Resp: 2220064

Ion Ratio Lower Upper

85 100

135 69.3 56.2 84.4





#9

Propene

Concen: 11.698 ppbv

RT: 3.01

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 6 May 2021 19:55

Tot Ion:

Ion Ratio

41 100

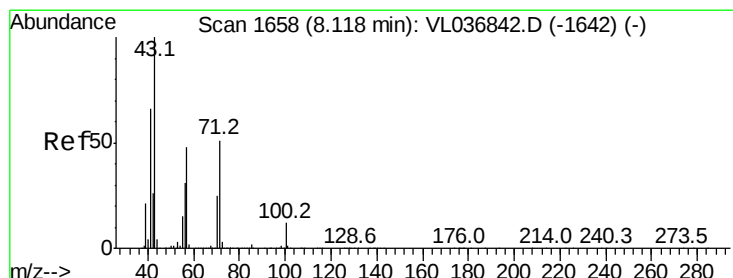
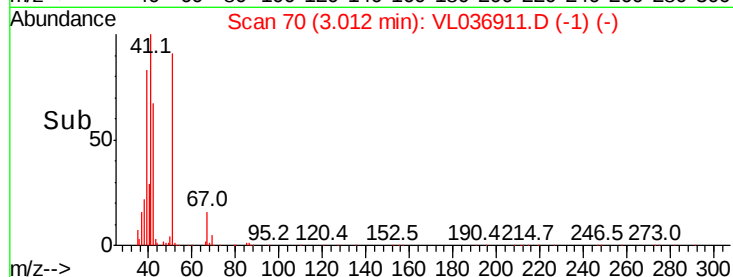
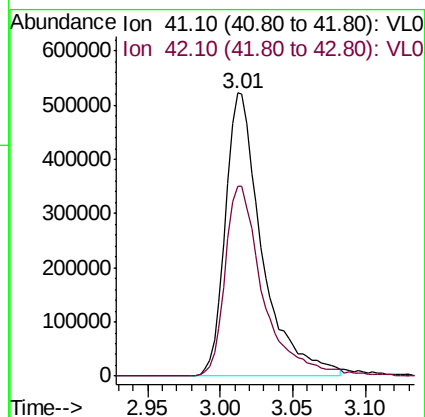
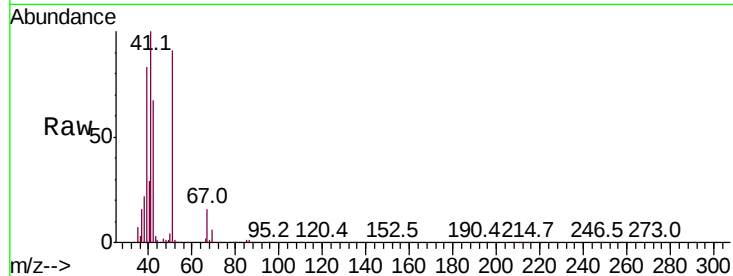
42 70.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2021

Supervised By :Mahesh Dadoda 05/10/2021



#10

Heptane

Concen: 11.695 ppbv

RT: 8.13 min Scan# 1661

Delta R.T. 0.01 min

Lab File: VL036911.D

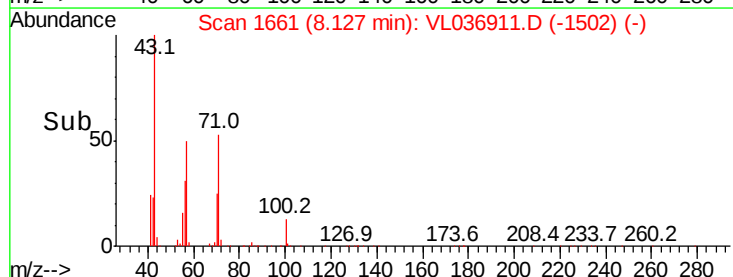
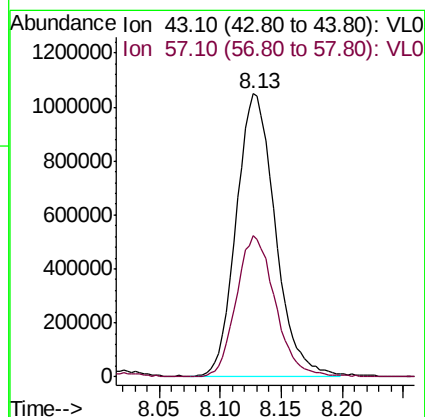
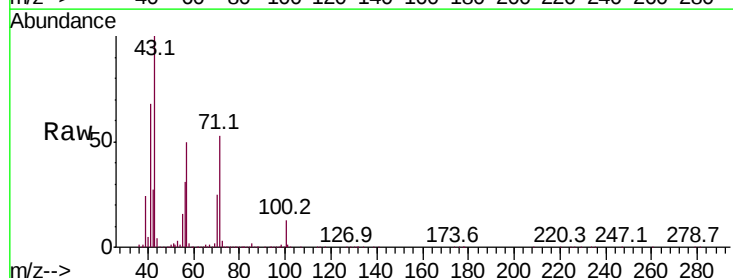
Acq: 6 May 2021 19:53

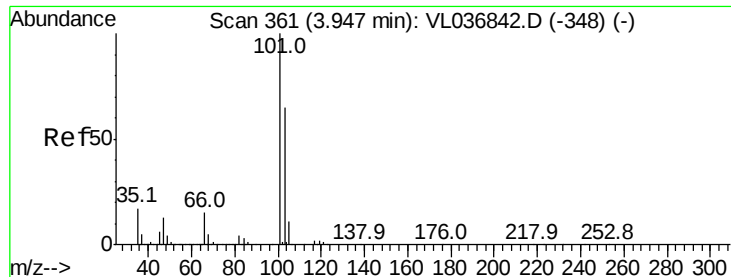
Tgt Ion: 43 Resp: 2314236

Ion Ratio Lower Upper

43 100

57 49.9 38.8 58.2



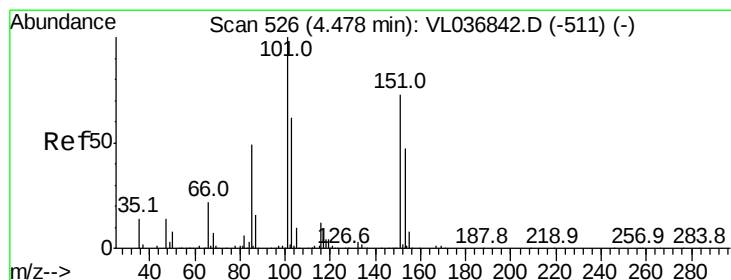
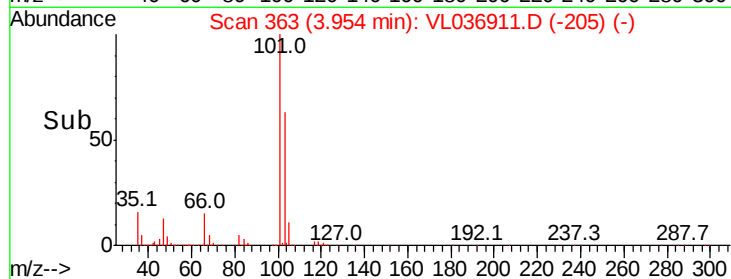
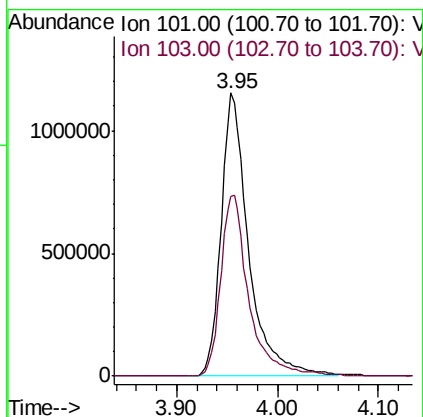
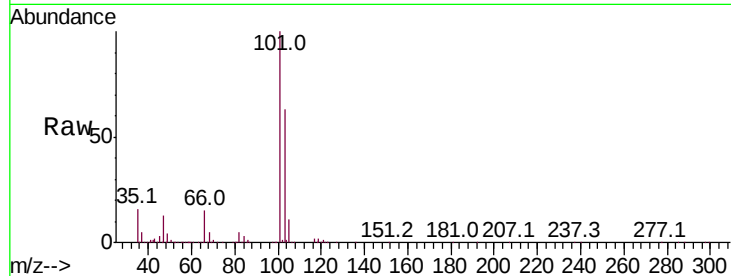


#11
 Trichlorofluoromethane
 Concen: 11.049 ppbv
 RT: 3.95 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 6 May 2021 19:55

Tot Ion:1
 Ion Ratio
 101 100
 103 63.

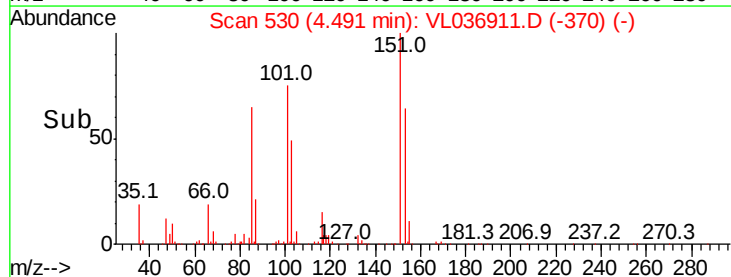
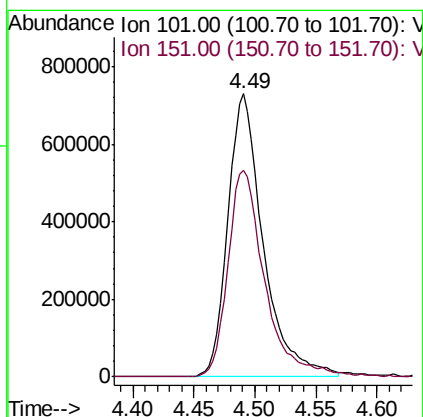
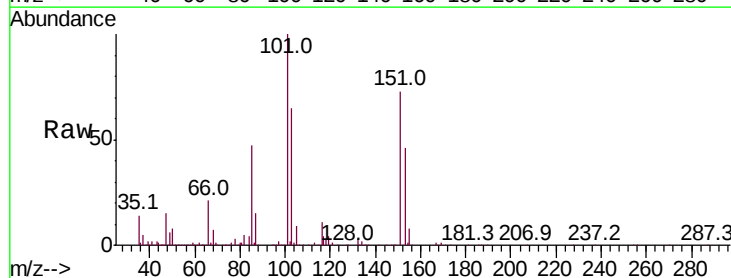
Manual Integrations
 APPROVED

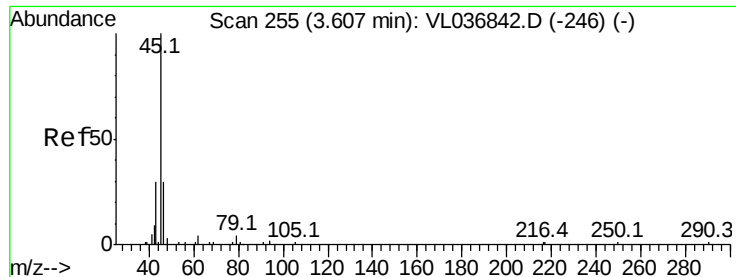
Reviewed By :Semsettin Yesilyurt 05/08/2021
 Supervised By :Mahesh Dadoda 05/10/2021



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 11.082 ppbv
 RT: 4.49 min Scan# 530
 Delta R.T.: 0.01 min
 Lab File: VL036911.D
 Acq: 6 May 2021 19:53

Tgt Ion:101 Resp: 1477911
 Ion Ratio Lower Upper
 101 100
 151 76.4 61.1 91.7



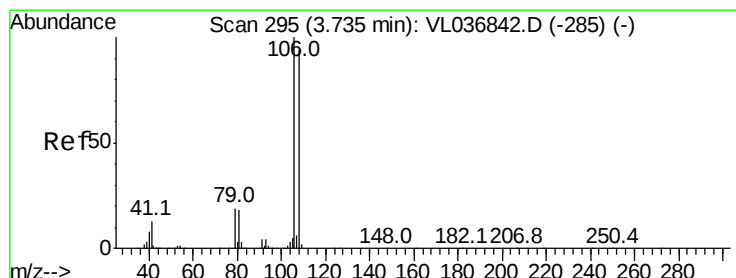
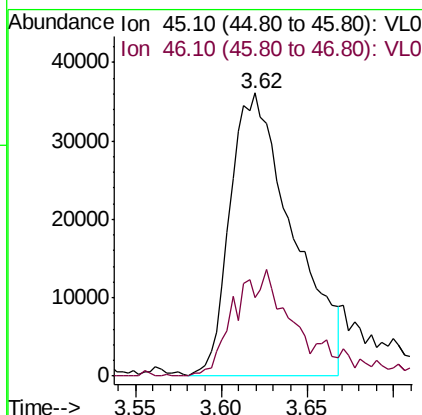
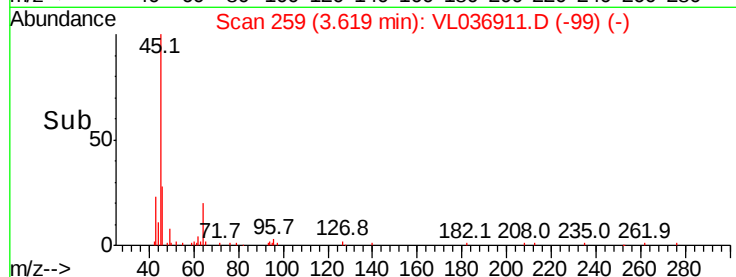
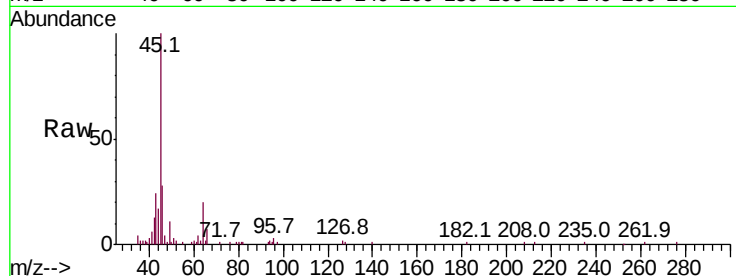


#13
Ethanol
Concen: 9.141 ppbv
RT: 3.62
Delta R.T.: MSVOA_1
Lab File: ClientSampleId :
Acq: 6 May 2021 19:55

Tot Ion:
Ion Ratio
45 100
46 40.

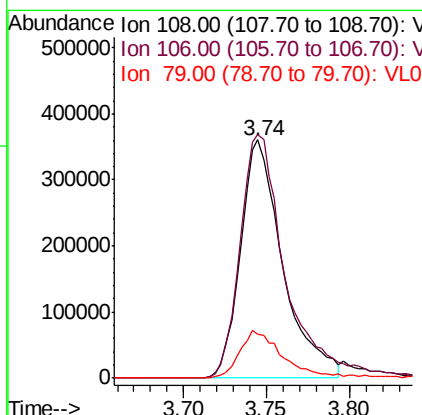
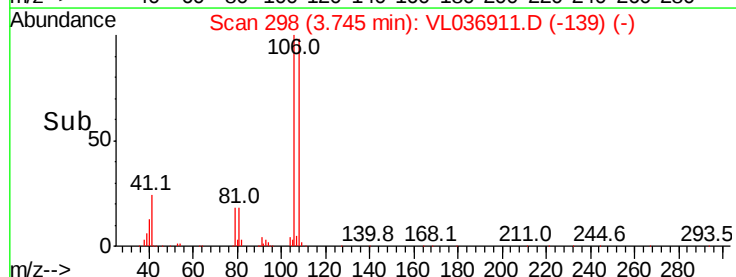
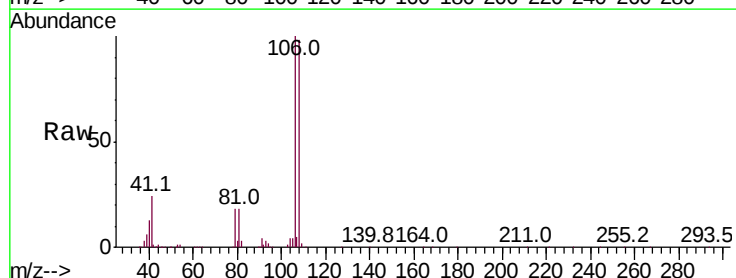
Manual Integrations
APPROVED

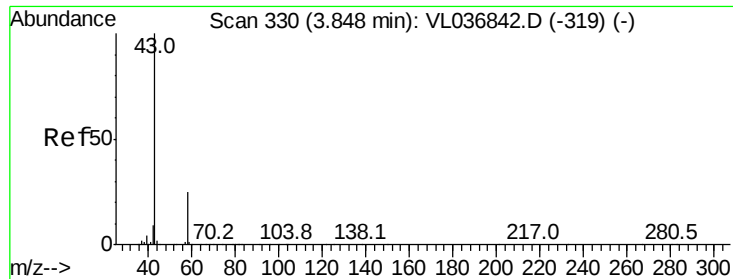
Reviewed By :Semsettin Yesilyurt 05/08/2021
Supervised By :Mahesh Dadoda 05/10/2021



#14
Bromoethene
Concen: 11.735 ppbv
RT: 3.74 min Scan# 298
Delta R.T.: 0.01 min
Lab File: VL036911.D
Acq: 6 May 2021 19:53

Tgt Ion:108 Resp: 639440
Ion Ratio Lower Upper
108 100
106 112.0 88.5 132.7
79 21.7 17.9 26.9



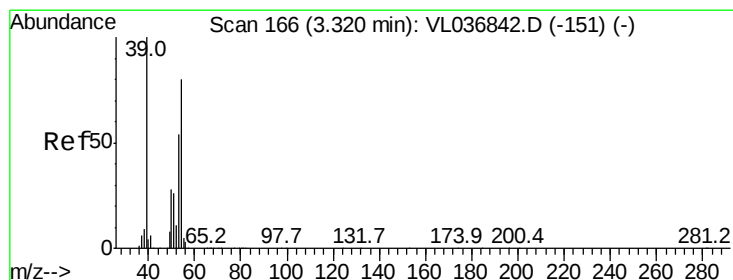
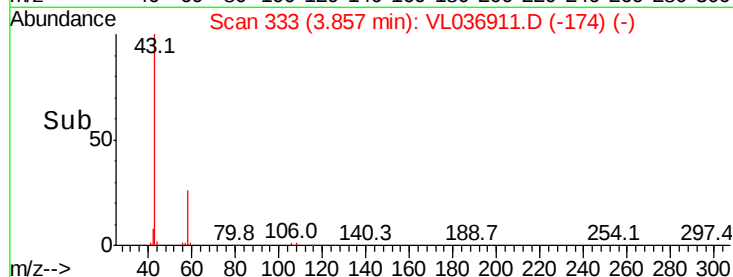
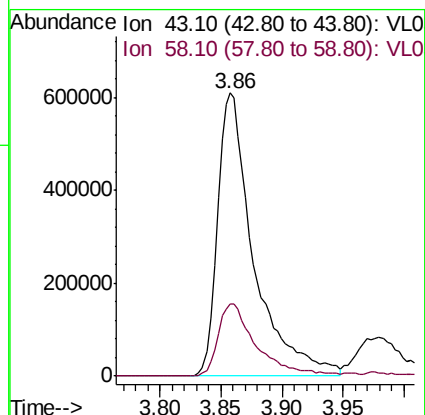
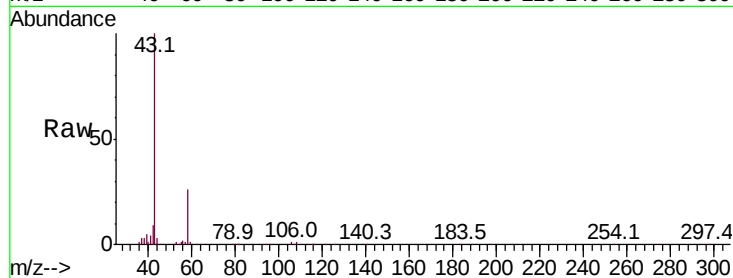


#15
Acetone
Concen: 9.430 ppbv
RT: 3.86
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
VSTDCCC010EC
Acq: 6 May 2021 19:55

Tot Ion:
Ion Rati
43 100
58 27.

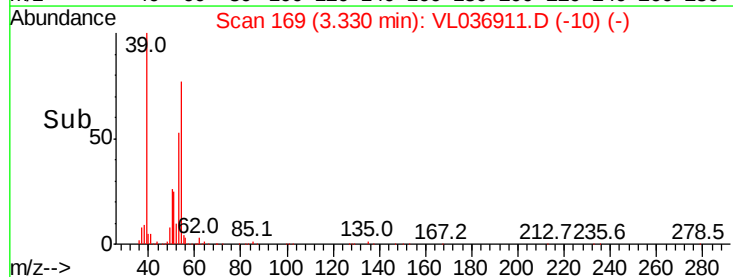
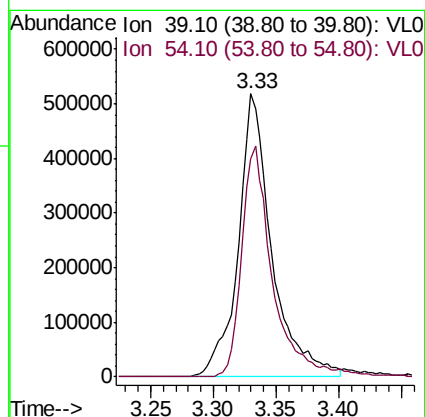
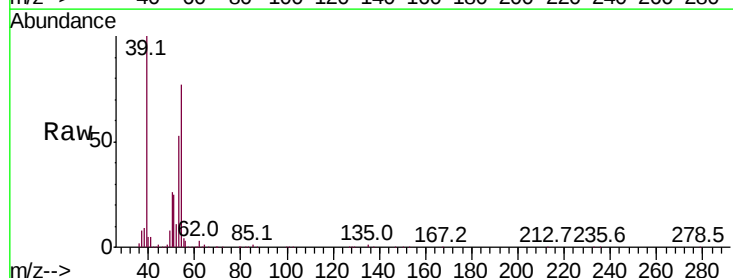
Manual Integrations
APPROVED

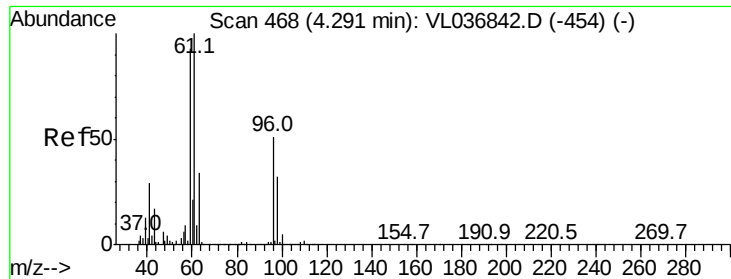
Reviewed By :Semsettin Yesilyurt 05/08/2021
Supervised By :Mahesh Dadoda 05/10/2021



#16
1,3-Butadiene
Concen: 11.234 ppbv
RT: 3.33 min Scan# 169
Delta R.T. 0.01 min
Lab File: VL036911.D
Acq: 6 May 2021 19:53

Tgt Ion: 39 Resp: 959727
Ion Ratio Lower Upper
39 100
54 76.1 59.6 89.4





#17

tert-Butyl alcohol

Concen: 11.468 ppbv

RT: 4.30 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

VSTDCCC010EC

Acq: 6 May 2021 19:55

Tot Ion:

Ion Ratio

59 100

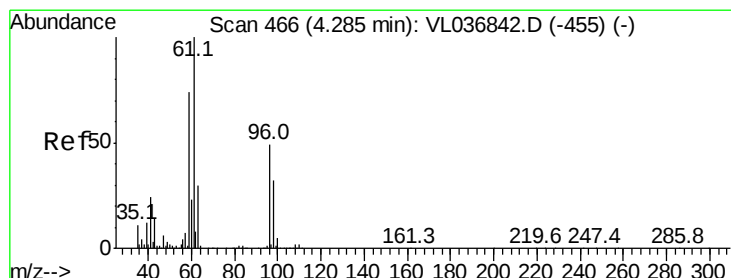
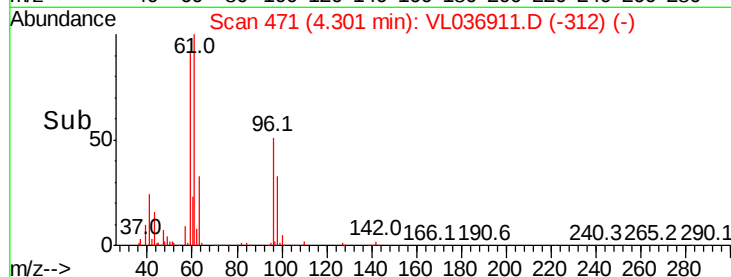
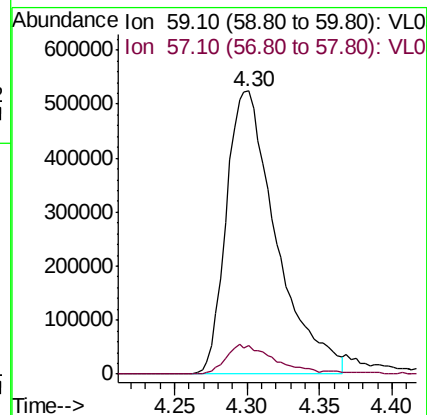
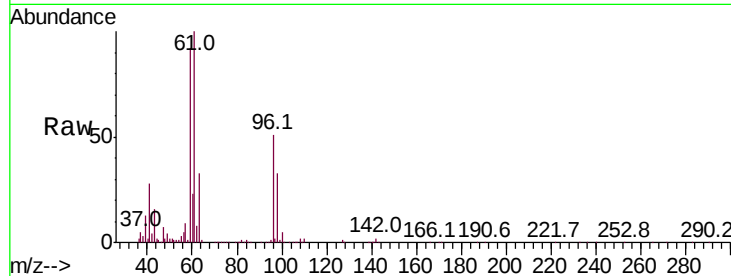
57 11.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2021

Supervised By :Mahesh Dadoda 05/10/2021



#18

1,1-Dichloroethene

Concen: 11.664 ppbv

RT: 4.29 min Scan# 468

Delta R.T. 0.01 min

Lab File: VL036911.D

Acq: 6 May 2021 19:53

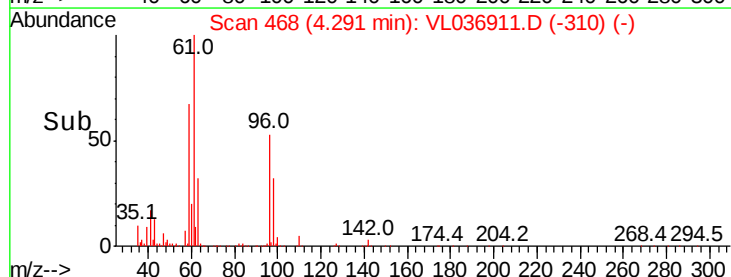
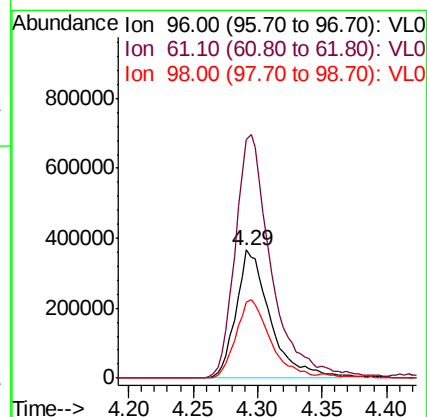
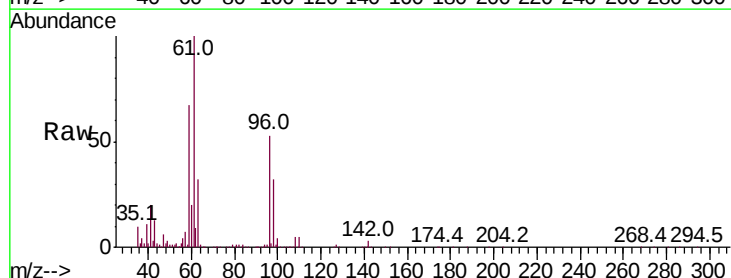
Tgt Ion: 96 Resp: 676039

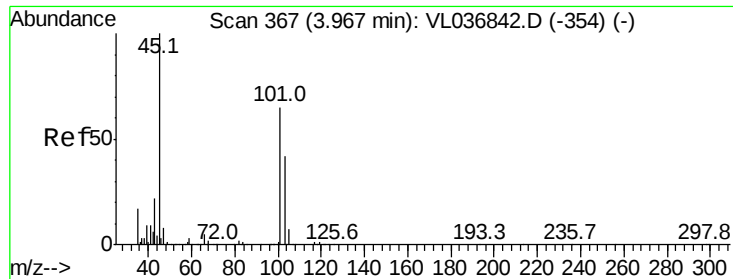
Ion Ratio Lower Upper

96 100

61 187.0 162.2 243.2

98 59.9 51.8 77.6





#19

Isopropyl Alcohol

Concen: 11.251 ppbv

RT: 3.97

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 6 May 2021 19:55

Tot Ion:

Ion Ratio

45 100

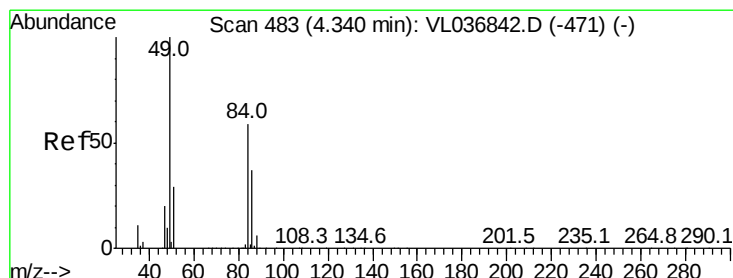
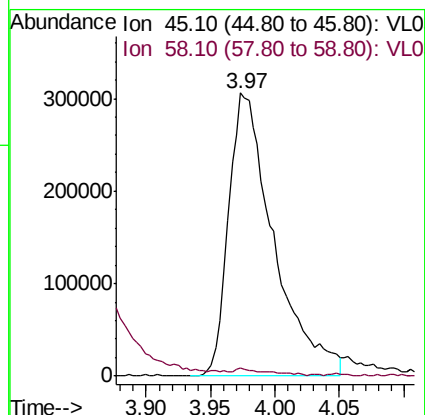
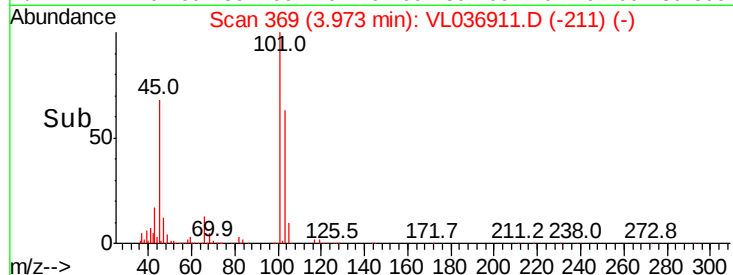
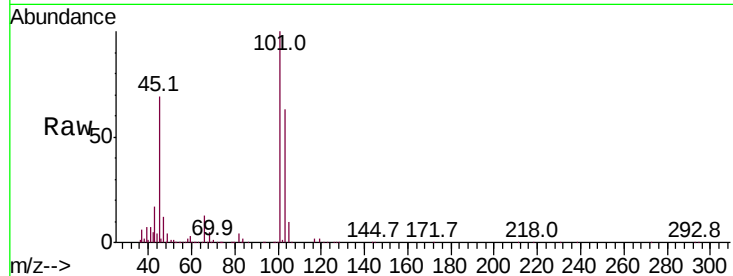
58 1.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/08/2021

Supervised By :Mahesh Dadoda 05/10/2021



#20

Methylene Chloride

Concen: 8.380 ppbv

RT: 4.35 min Scan# 486

Delta R.T. 0.01 min

Lab File: VL036911.D

Acq: 6 May 2021 19:53

Tgt Ion: 84 Resp: 535387

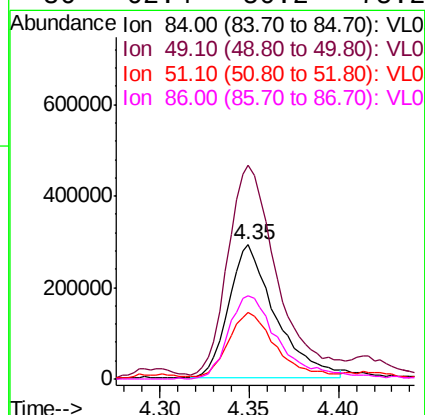
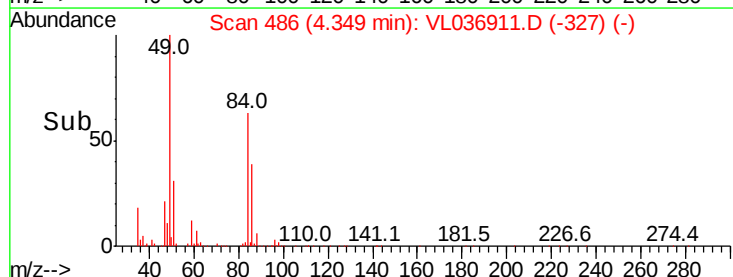
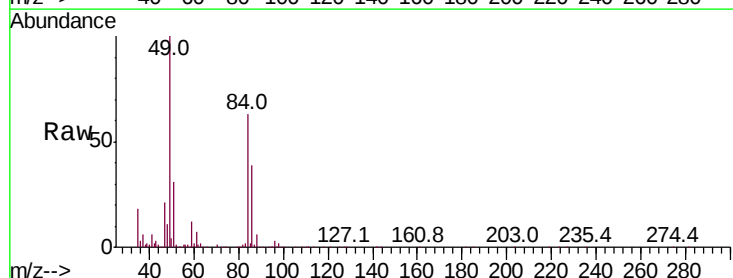
Ion Ratio Lower Upper

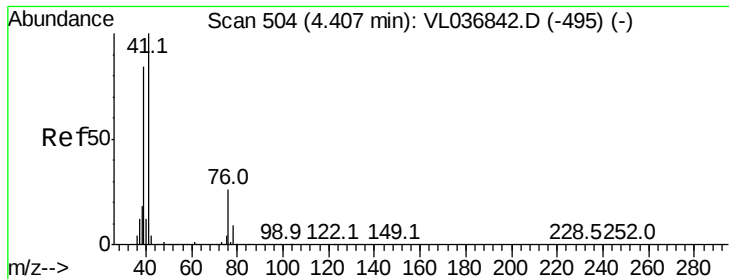
84 100

49 157.5 135.4 203.0

51 48.0 39.3 58.9

86 62.4 50.2 75.2





#21

Allvl Chloride

Concen: 11.369 ppbv

RT: 4.42

Delta R.T. 0.01 min

Lab File: VSTDCCC010EC

Acq: 6 May 2021 19:53

Tot Ion:

Ion Ratio

41 100

76 28.

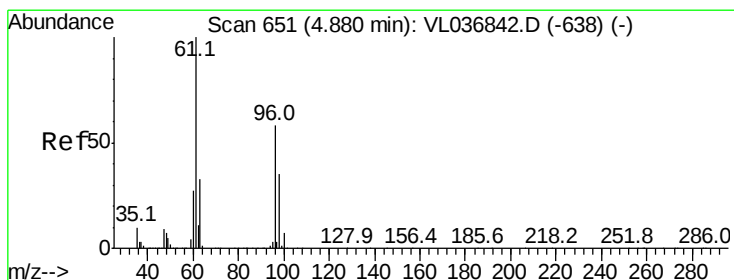
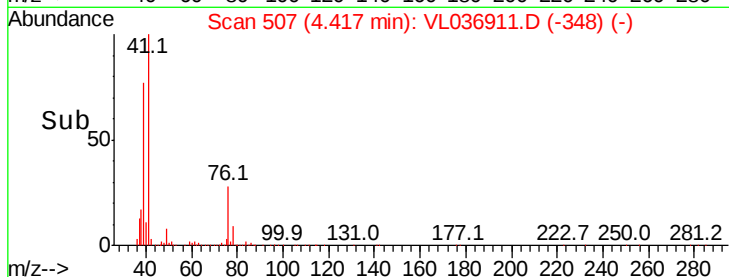
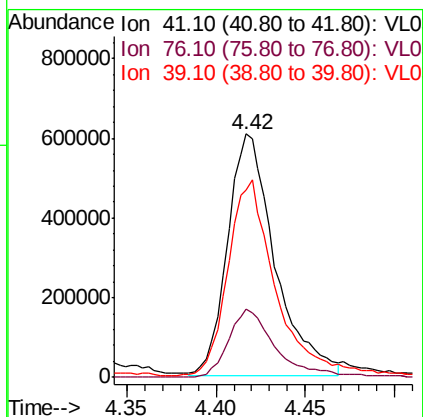
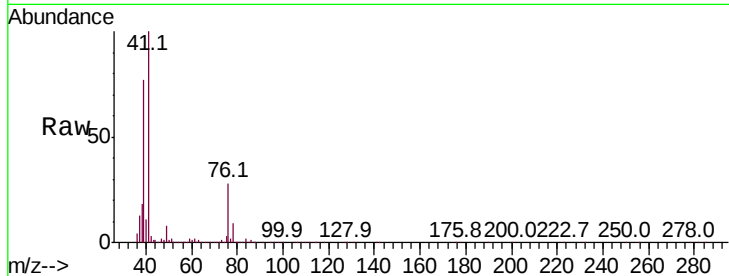
39 82.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2021

Supervised By :Mahesh Dadoda 05/10/2021



#22

trans-1,2-Dichloroethene

Concen: 10.487 ppbv

RT: 4.89 min Scan# 655

Delta R.T. 0.01 min

Lab File: VL036911.D

Acq: 6 May 2021 19:53

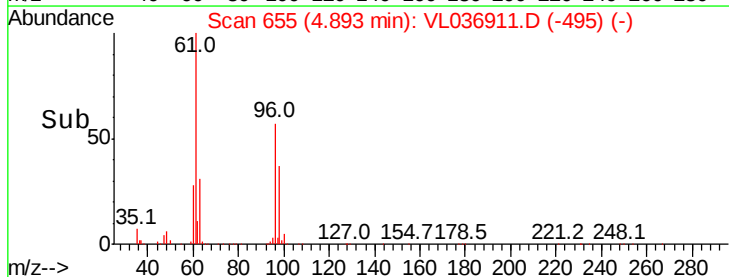
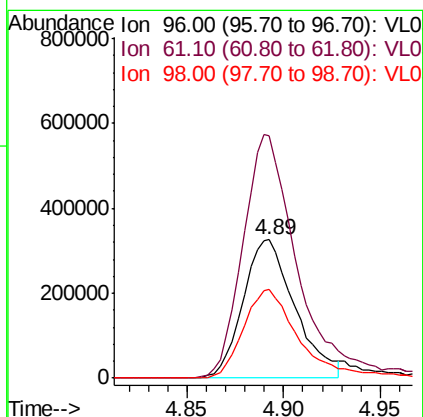
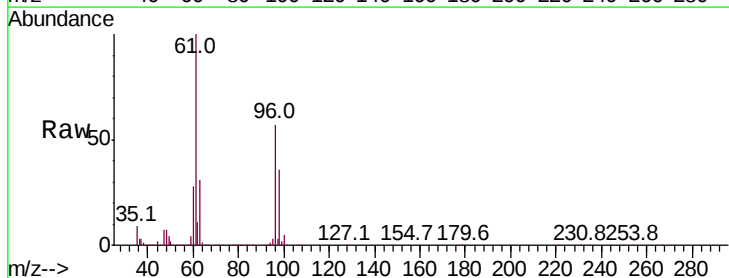
Tgt Ion: 96 Resp: 609975

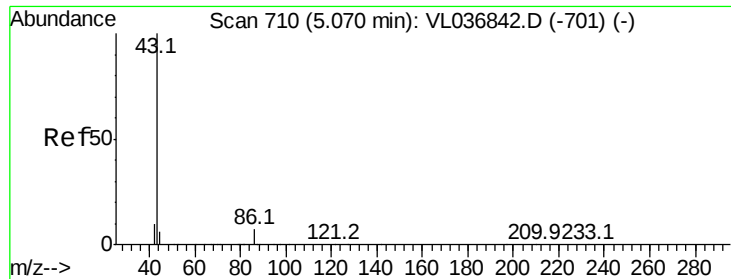
Ion Ratio Lower Upper

96 100

61 174.4 138.6 207.8

98 63.6 48.1 72.1





#23

Vinyl Acetate

Concen: 13.911 ppbv

RT: 5.08

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 6 May 2021 19:55

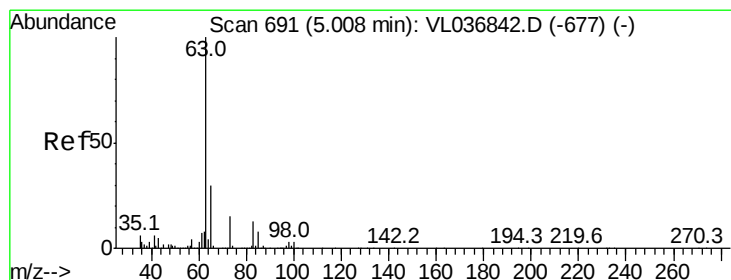
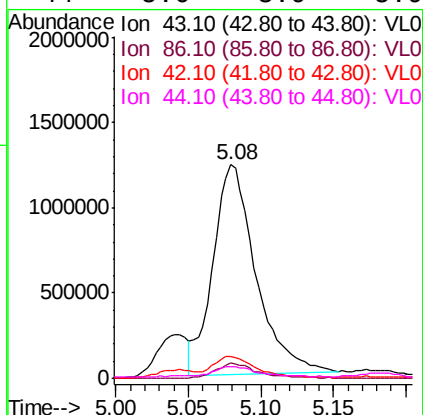
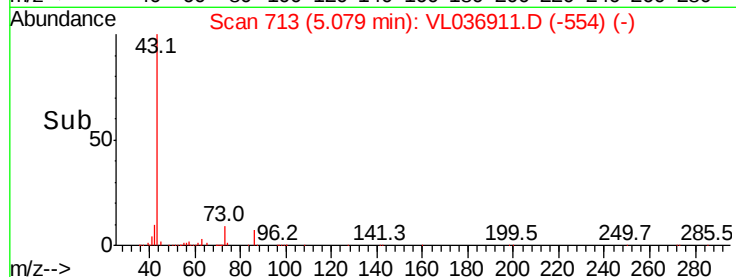
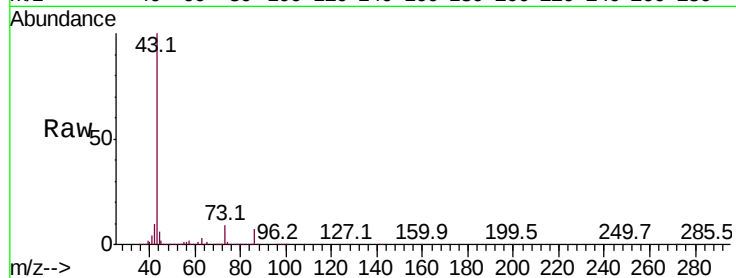
Tot Ion:

Ion Ratio

43	100
86	7.
42	10.
44	5.0
	3.9
	5.9

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 05/08/2021
Supervised By :Mahesh Dadoda 05/10/2021



#24

1,1-Dichloroethane

Concen: 13.581 ppbv

RT: 5.02 min Scan# 694

Delta R.T. 0.01 min

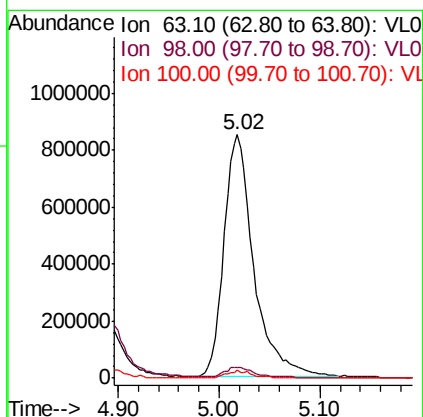
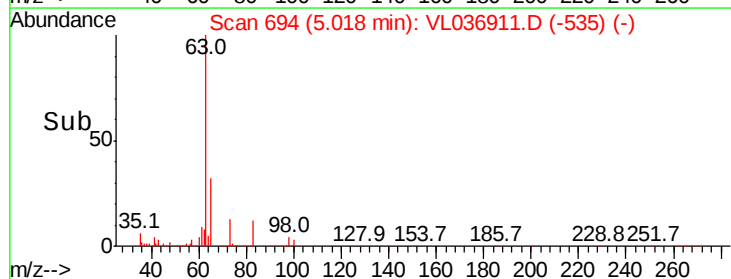
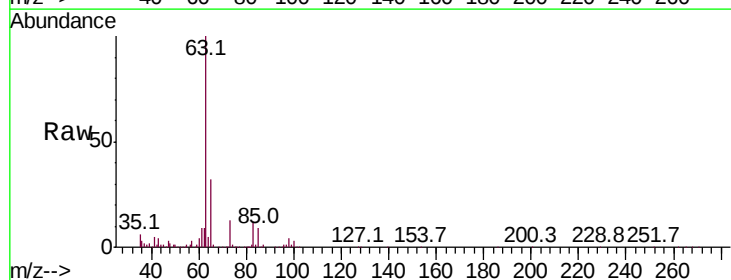
Lab File: VL036911.D

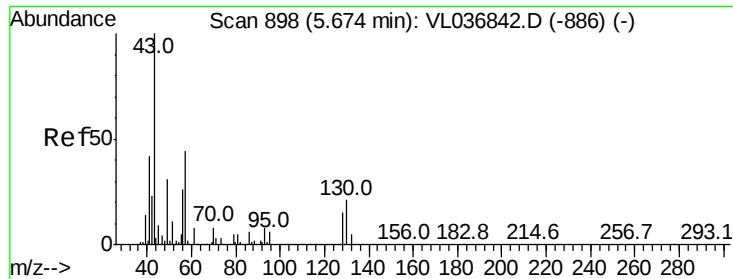
Acq: 6 May 2021 19:53

Tgt Ion: 63 Resp: 1752159

Ion Ratio Lower Upper

63	100		
98	4.2	1.7	5.1
100	3.3	1.3	3.8



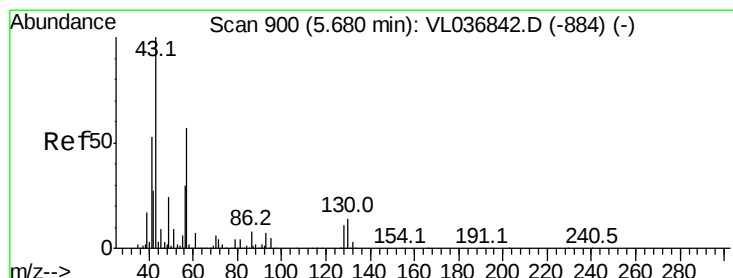
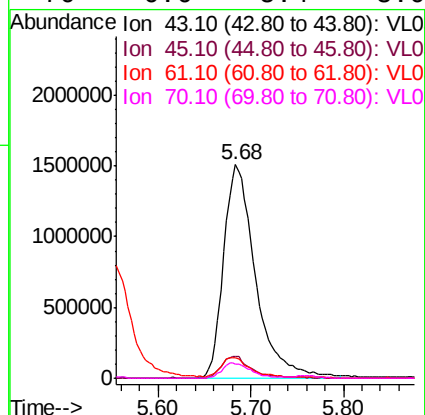
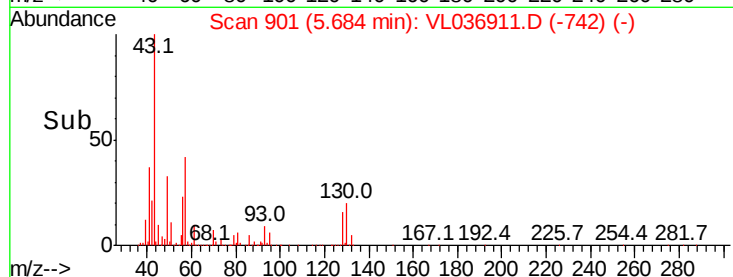
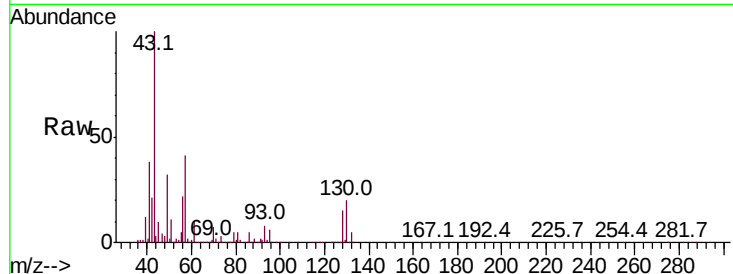


#25
Ethyl Acetate
Concen: 11.026 ppbv
RT: 5.68 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 6 May 2021 19:53
VSTDCCC010EC

Tot Ion:
Ion Ratio
43 100
45 9.
61 9.
70 6.6 5.4 8.0

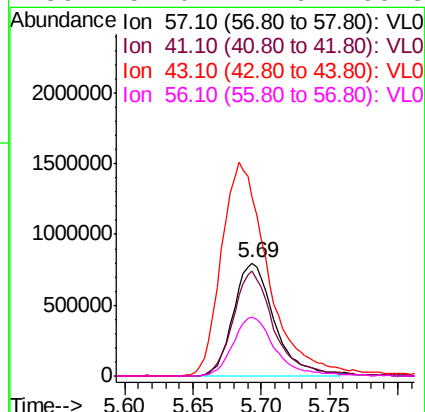
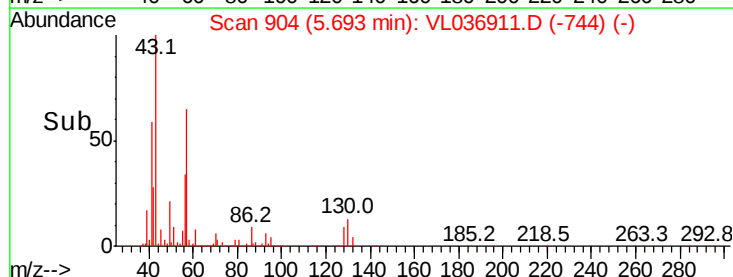
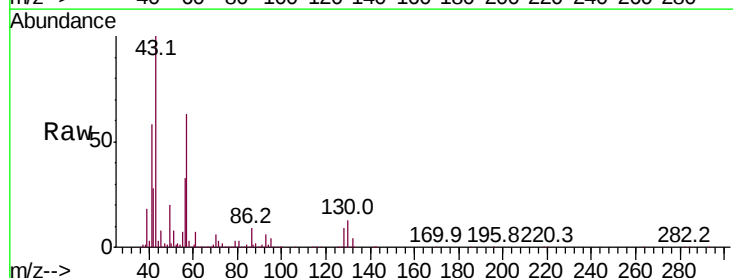
Manual Integrations
APPROVED

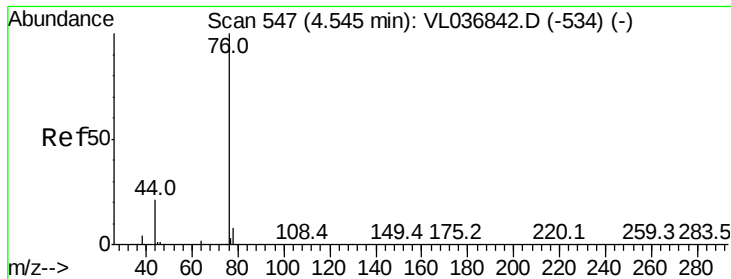
Reviewed By :Semsettin Yesilyurt 05/08/2021
Supervised By :Mahesh Dadoda 05/10/2021



#26
Hexane
Concen: 10.875 ppbv
RT: 5.69 min Scan# 904
Delta R.T.: 0.01 min
Lab File: VL036911.D
Acq: 6 May 2021 19:53

Tgt Ion: 57 Resp: 1660450
Ion Ratio Lower Upper
57 100
41 94.1 77.7 116.5
43 219.0 180.5 270.7
56 54.0 44.6 66.8





#27

Carbon Disulfide

Concen: 12.451 ppbv

RT: 4.56

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 6 May 2021 19:55

Tot Ion:

Ion Ratio

76 100

44 21.

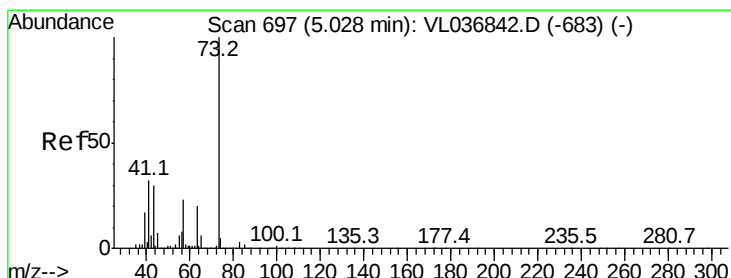
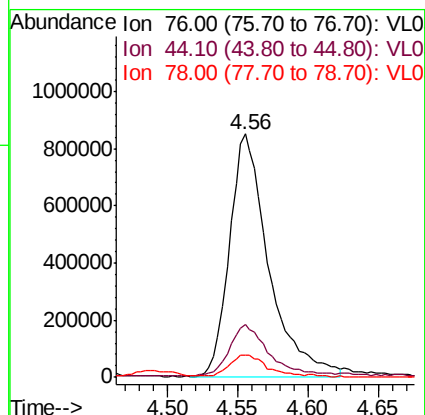
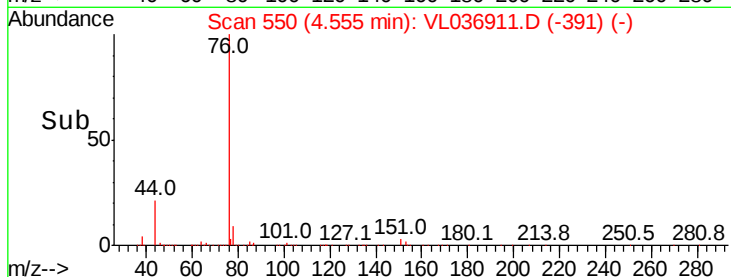
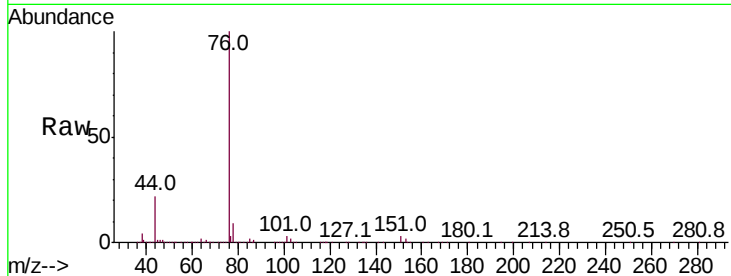
78 10.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/08/2021

Supervised By :Mahesh Dadoda 05/10/2021



#28

Methyl tert-Butyl Ether

Concen: 14.525 ppbv

RT: 5.04 min Scan# 701

Delta R.T. 0.01 min

Lab File: VL036911.D

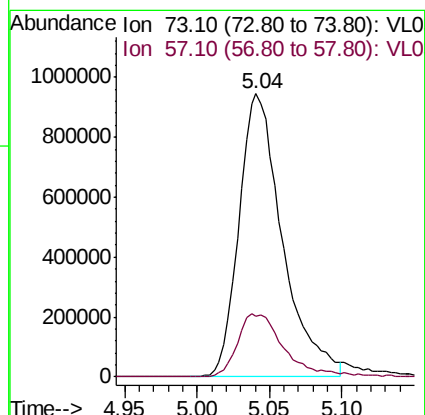
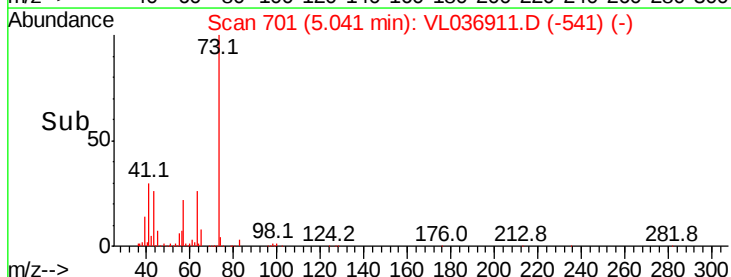
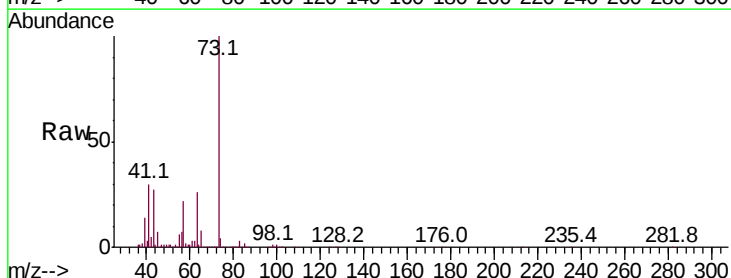
Acq: 6 May 2021 19:53

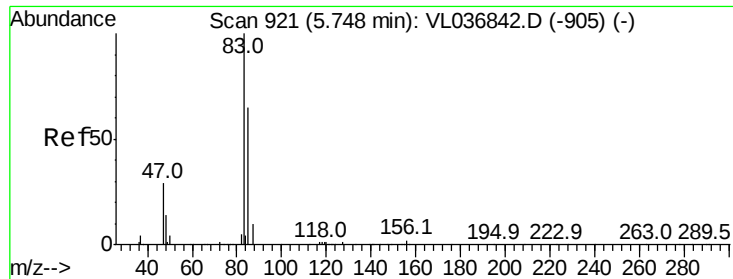
Tgt Ion: 73 Resp: 1965832

Ion Ratio Lower Upper

73 100

57 24.3 19.0 28.6



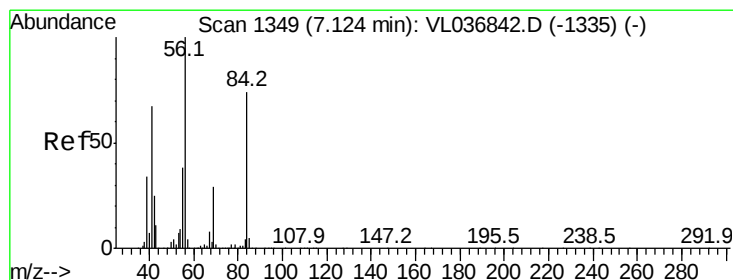
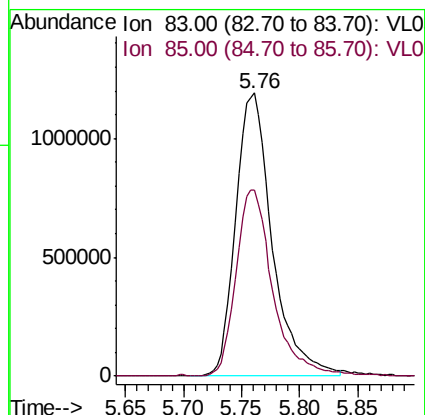
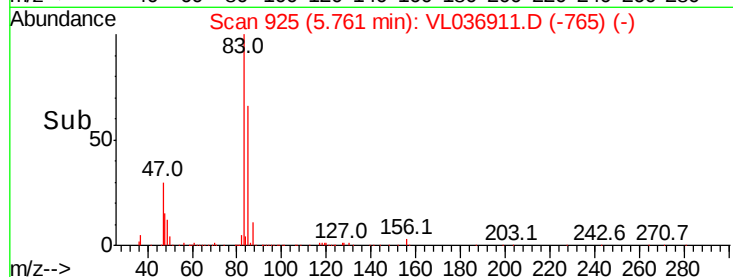
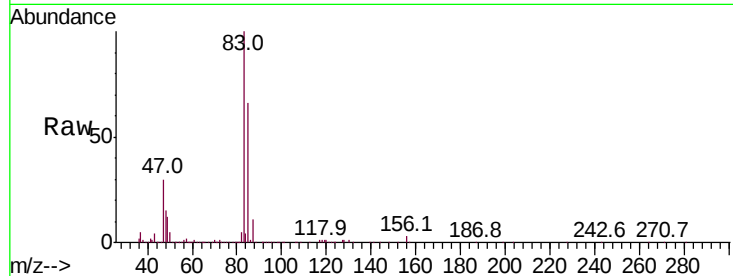


#29
Chloroform
Concen: 10.931 ppbv
RT: 5.76
Instrument : MSVOA_1
Delta R.T. :
Lab File: ClientSampleId :
Acq: 6 May 2021 19:53

Tot Ion:
Ion Ratio
83 100
85 65.

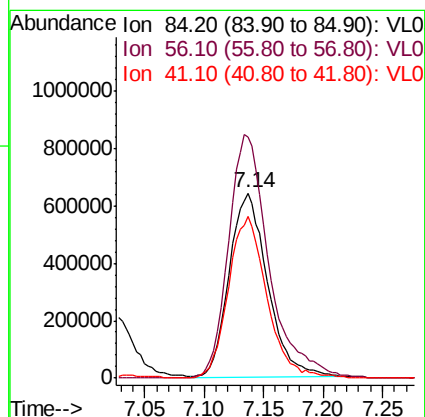
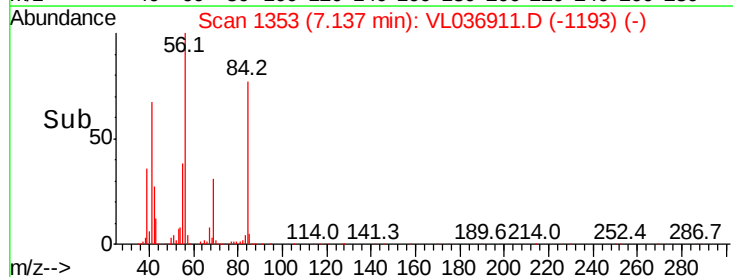
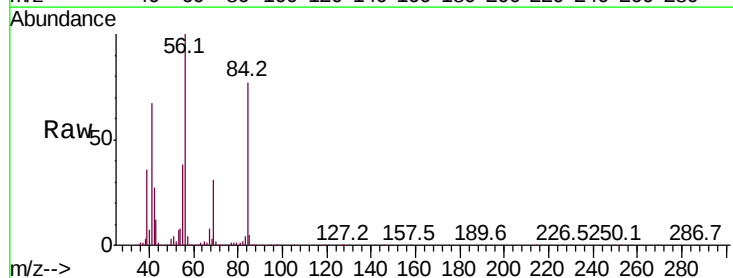
Manual Integrations
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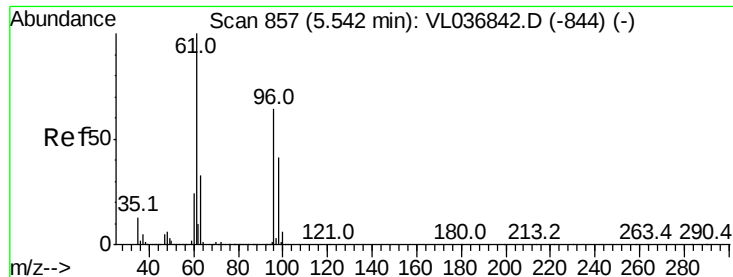
Reviewed By :Semsettin Yesilyurt 05/08/2021
Supervised By :Mahesh Dadoda 05/10/2021



#30
Cyclohexane
Concen: 11.815 ppbv
RT: 7.14 min Scan# 1353
Delta R.T. 0.01 min
Lab File: VL036911.D
Acq: 6 May 2021 19:53

Tgt Ion: 84 Resp: 1430609
Ion Ratio Lower Upper
84 100
56 141.1 115.8 173.6
41 88.6 74.6 111.8





#31

cis-1,2-Dichloroethene

Concen: 12.038 ppbv

RT: 5.56

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 6 May 2021 19:55 VSTDCCC010EC

Tot Ion:

Ion Ratio

61 100

96 64.

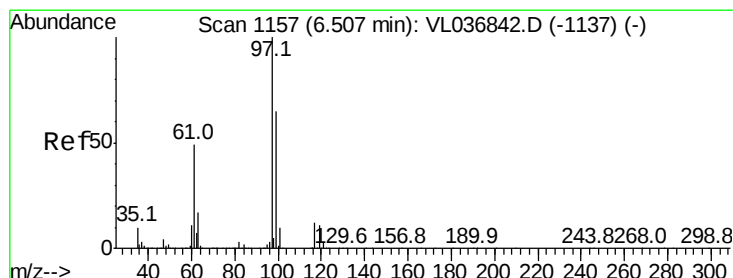
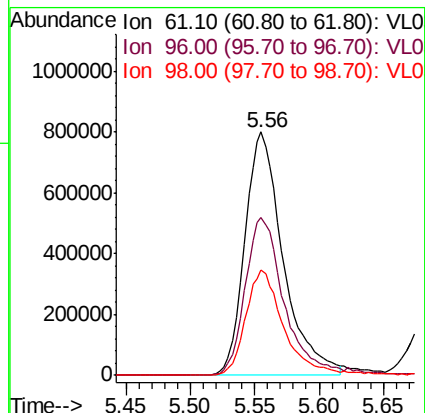
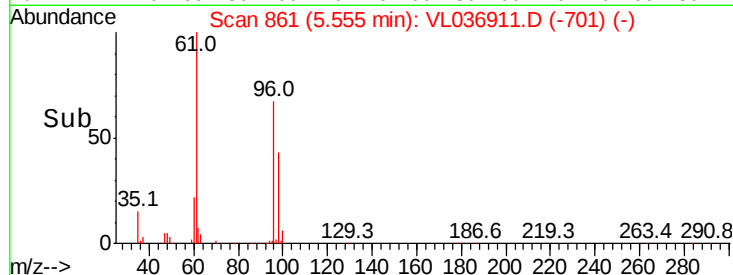
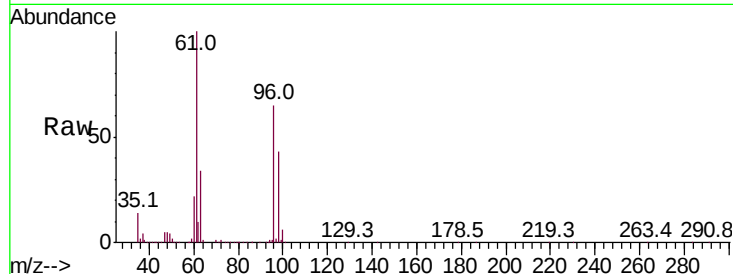
98 43.

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APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2021

Supervised By :Mahesh Dadoda 05/10/2021



#32

1,1,1-Trichloroethane

Concen: 11.047 ppbv

RT: 6.52 min Scan# 1161

Delta R.T. 0.01 min

Lab File: VL036911.D

Acq: 6 May 2021 19:53

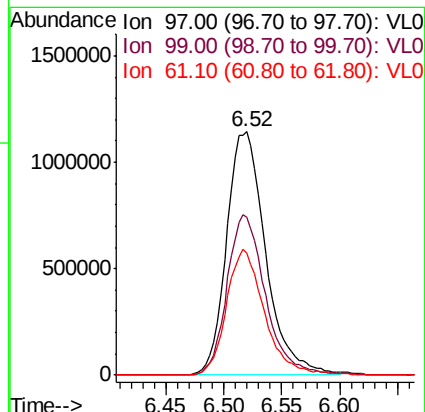
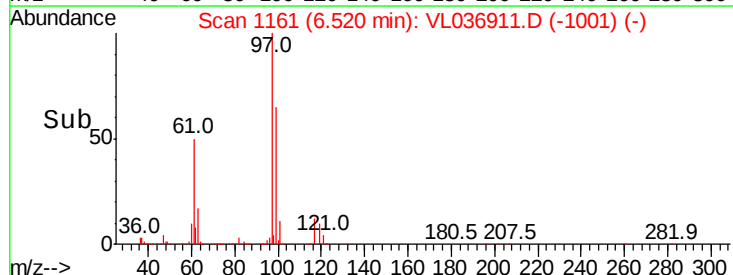
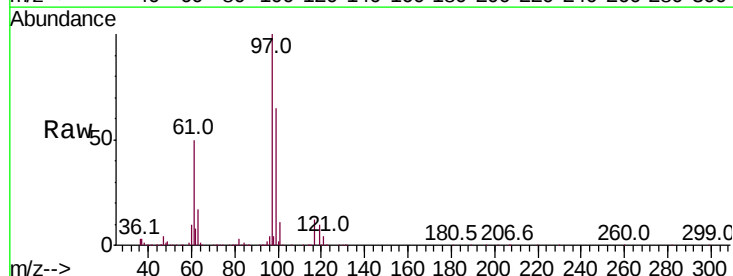
Tgt Ion: 97 Resp: 2674059

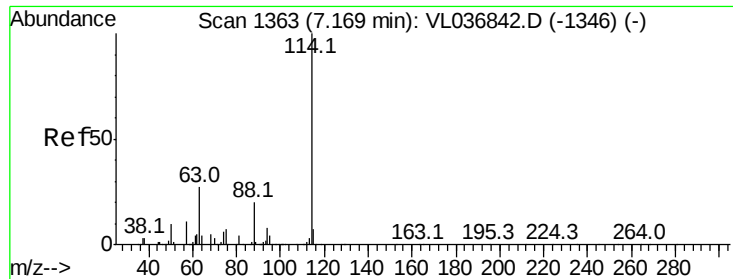
Ion Ratio Lower Upper

97 100

99 64.9 51.8 77.6

61 50.2 40.8 61.2





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.18

Delta R.T. MSVOA_L

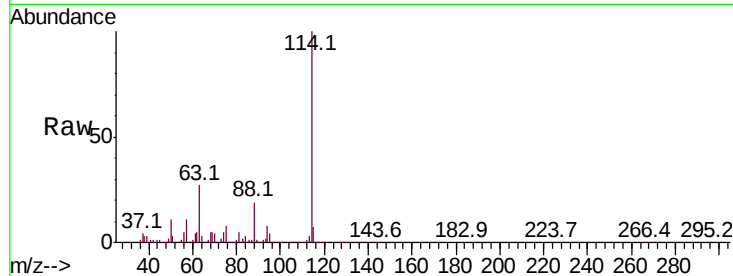
Lab File: ClientSampleId :

Acq: 6 May 2021 19:53

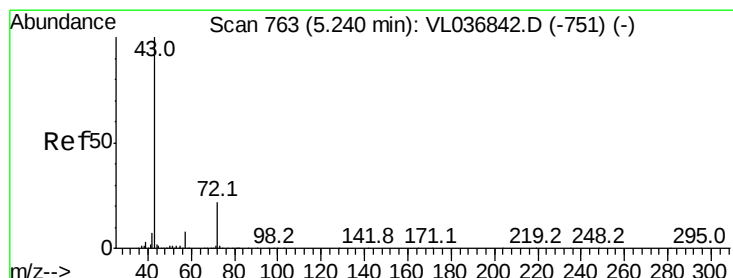
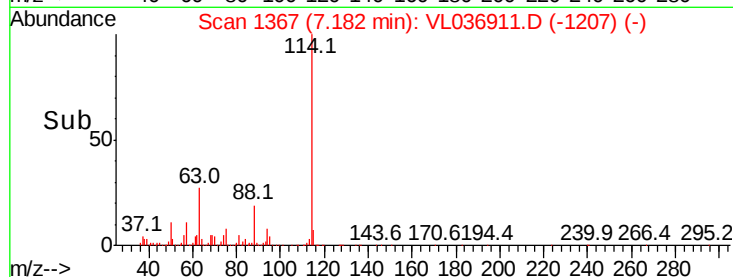
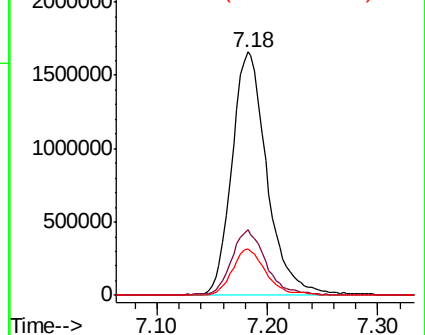
Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2021
Supervised By :Mahesh Dadoda 05/10/2021

Tot Ion:1
Ion Rati
114 100
63 26.
88 18.



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



#34

2-Butanone

Concen: 11.072 ppbv

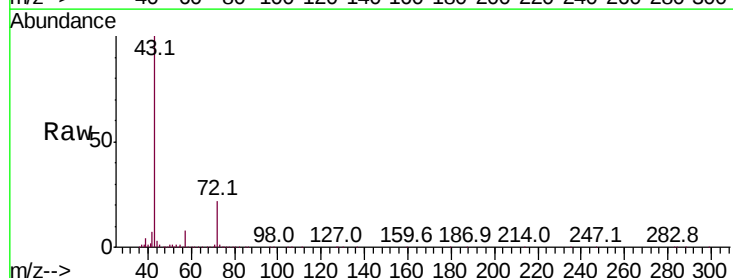
RT: 5.25 min Scan# 767

Delta R.T. 0.01 min

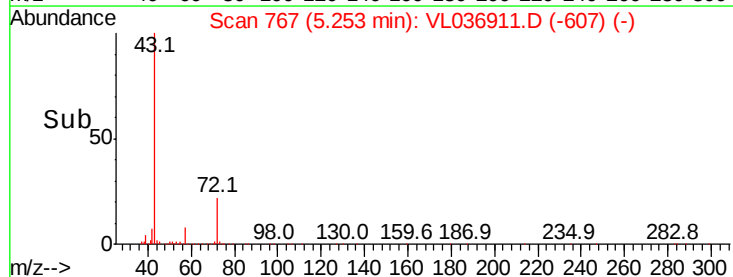
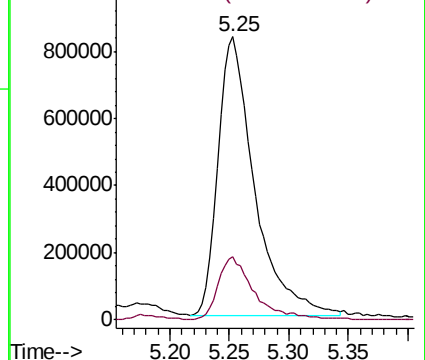
Lab File: VL036911.D

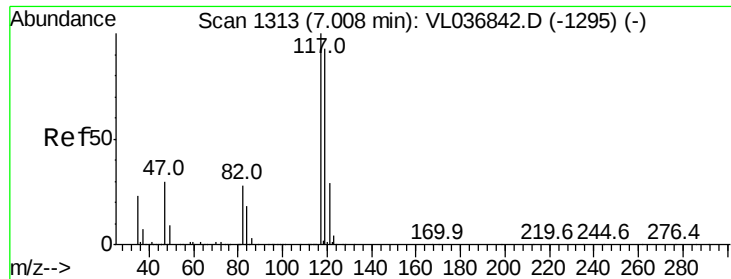
Acq: 6 May 2021 19:53

Tgt Ion: 43 Resp: 1774023
Ion Ratio Lower Upper
43 100
72 22.9 17.6 26.4



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



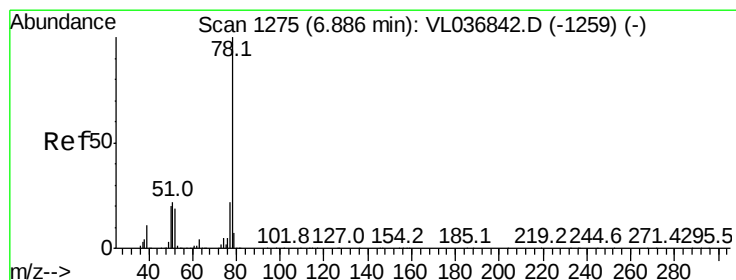
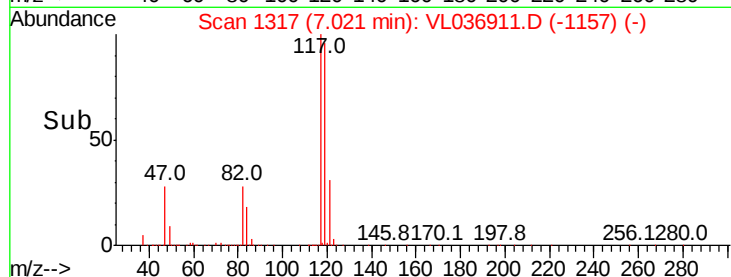
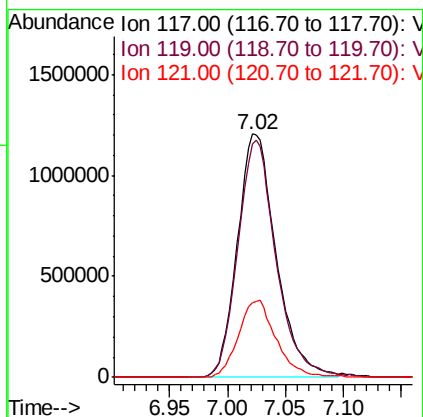
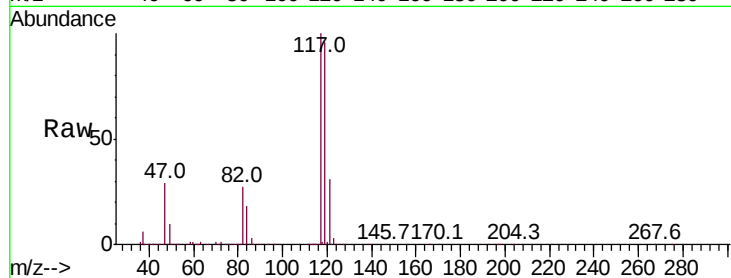


#35
Carbon Tetrachloride
Concen: 11.271 ppbv
RT: 7.02
Instrument : MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 6 May 2021 19:55
VSTDCCC010EC

Tot Ion:1
Ion Rati
117 100
119 95.
121 30.

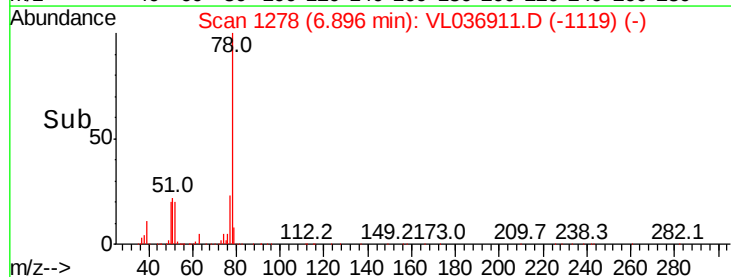
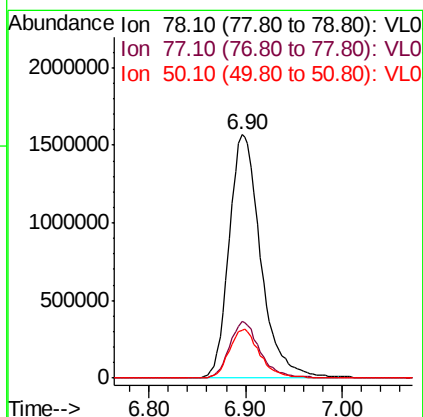
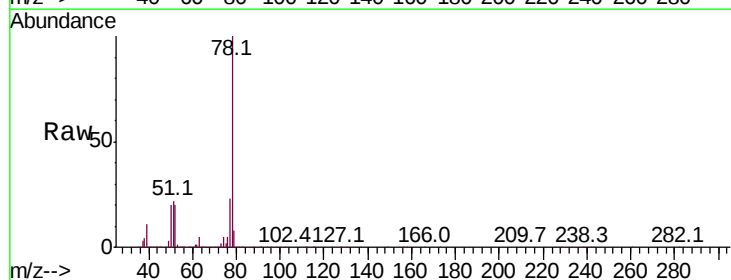
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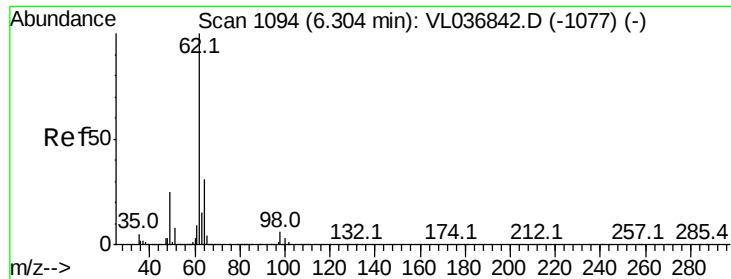
Reviewed By :Semsettin Yesilyurt 05/08/2021
Supervised By :Mahesh Dadoda 05/10/2021



#36
Benzene
Concen: 11.544 ppbv
RT: 6.90 min Scan# 1278
Delta R.T. 0.01 min
Lab File: VL036911.D
Acq: 6 May 2021 19:53

Tgt Ion: 78 Resp: 3557441
Ion Ratio Lower Upper
78 100
77 23.1 17.6 26.4
50 19.8 16.3 24.5





#37

1,2-Dichloroethane

Concen: 11.266 ppbv

RT: 6.31

Instrument: MSVOA_L

Delta R.T. 0.01

Lab File: ClientSampleId: VSTDCCC010EC

Acq: 6 May 2021 19:55

Tot Ion: 62.10 (61.80 to 62.80): VL0

Ion Ratio: 100

62 100

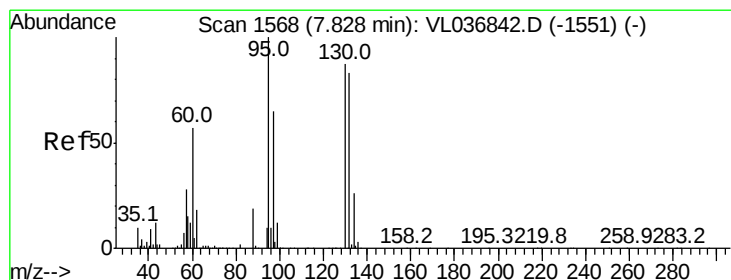
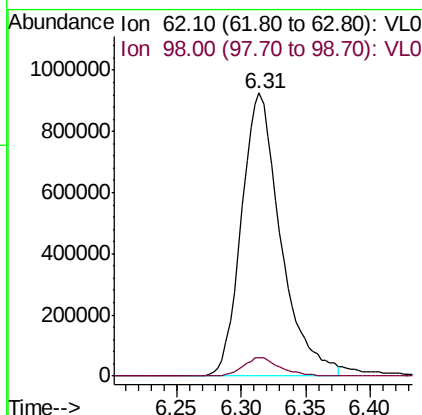
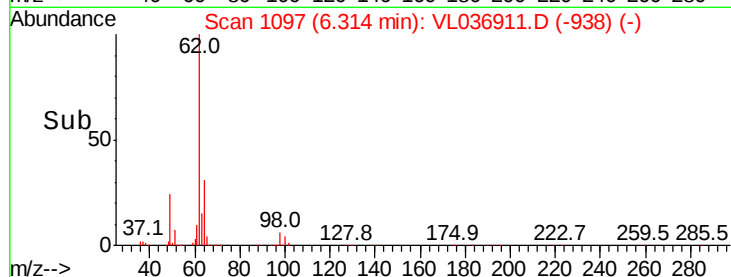
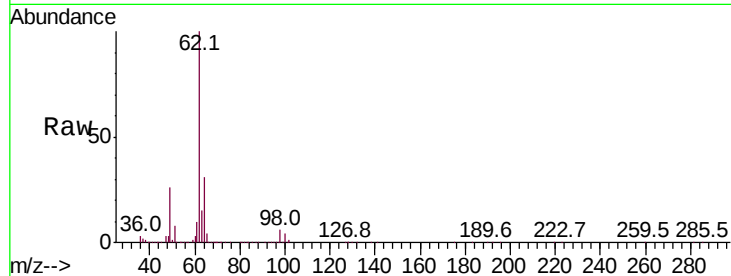
98 6.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2021

Supervised By :Mahesh Dadoda 05/10/2021



#38

Trichloroethene

Concen: 11.543 ppbv

RT: 7.84 min Scan# 1572

Delta R.T. 0.01 min

Lab File: VL036911.D

Acq: 6 May 2021 19:53

Tgt Ion:130 Resp: 1266514

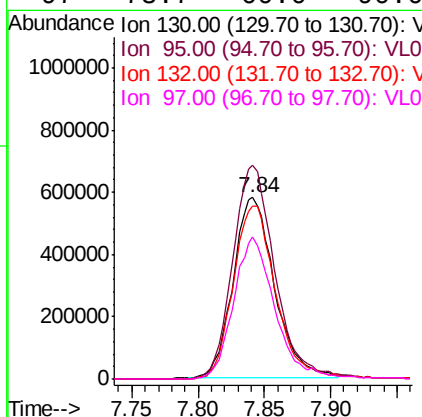
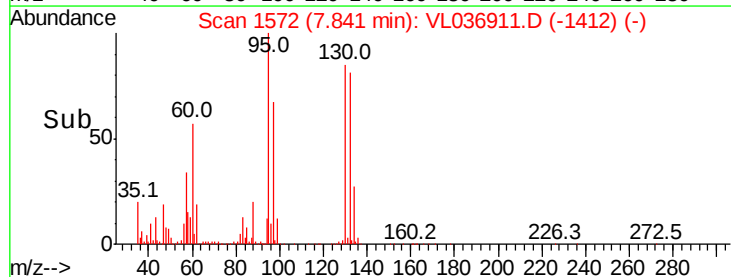
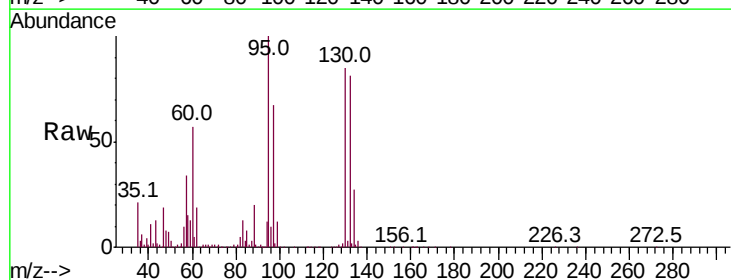
Ion Ratio Lower Upper

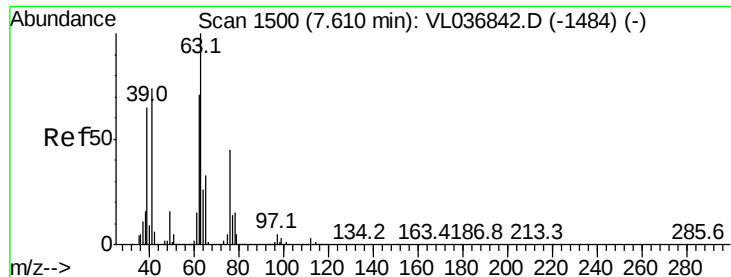
130 100

95 118.3 92.3 138.5

132 95.9 76.8 115.2

97 78.7 60.0 90.0





#39

1,2-Dichloropropane

Concen: 11.135 ppbv

RT: 7.62 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 6 May 2021 19:55 VSTDCCC010EC

Tot Ion:

Ion Ratio

63 100

41 79.

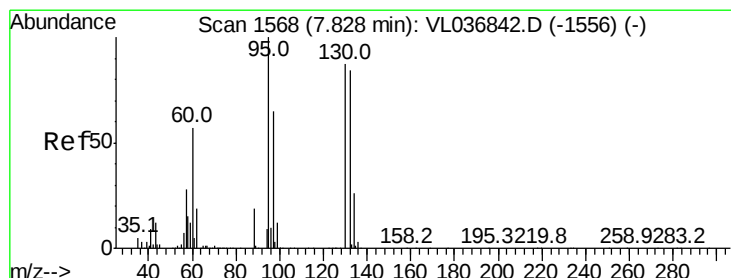
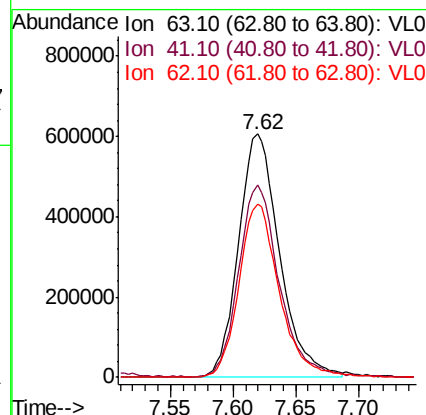
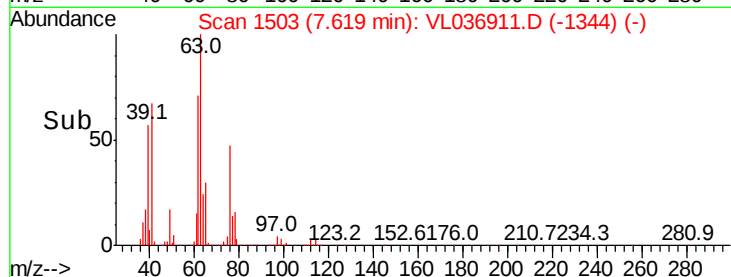
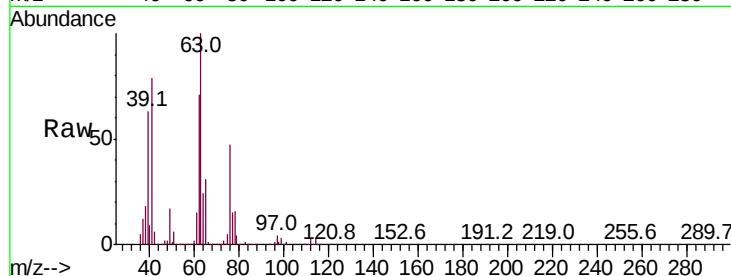
62 71.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2021

Supervised By :Mahesh Dadoda 05/10/2021



#40

1,4-Dioxane

Concen: 10.962 ppbv

RT: 7.84 min Scan# 1572

Delta R.T. 0.01 min

Lab File: VL036911.D

Acq: 6 May 2021 19:53

Tgt Ion: 88 Resp: 326800

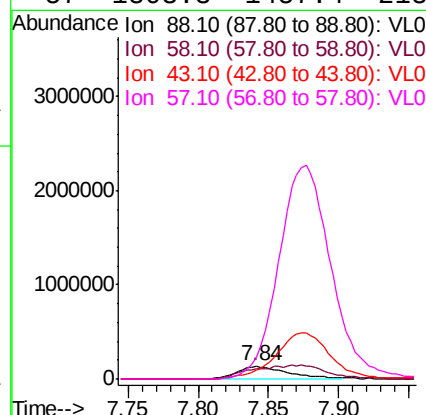
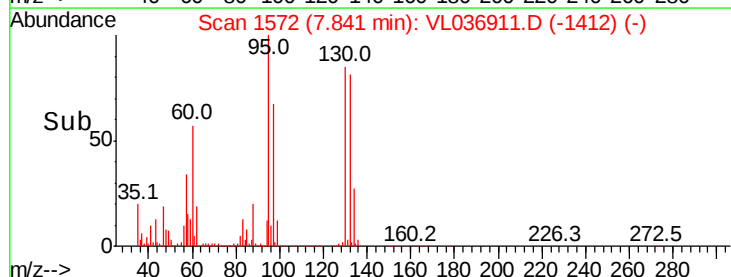
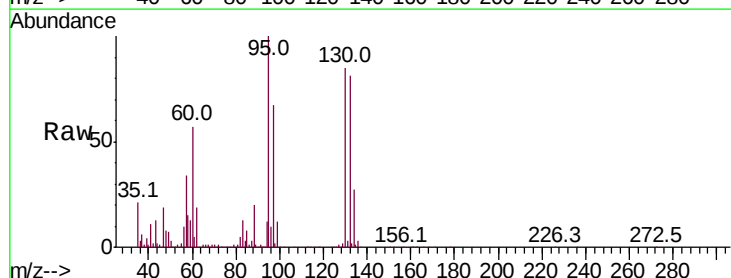
Ion Ratio Lower Upper

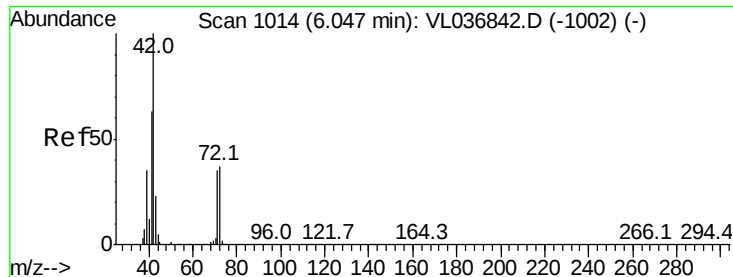
88 100

58 169.3 132.6 198.8

43 404.7 331.5 497.3

57 1803.3 1457.4 2186.0





#41

Tetrahydrofuran

Concen: 12.238 ppbv

RT: 6.06

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 6 May 2021 19:53

Tot Ion:

Ion Ratio

42 100

72 38.

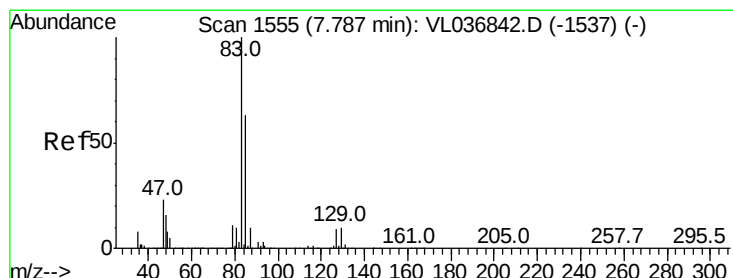
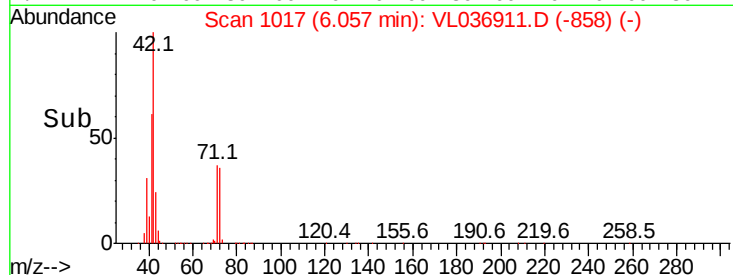
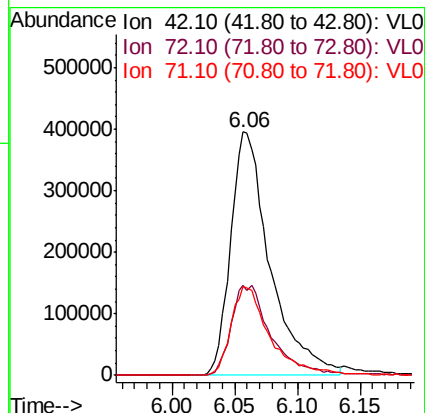
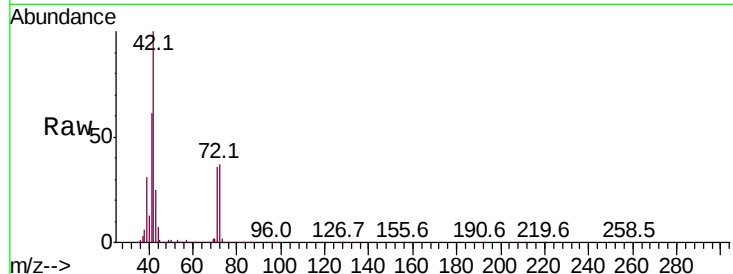
71 36.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/08/2021

Supervised By :Mahesh Dadoda 05/10/2021



#42

Bromodichloromethane

Concen: 11.624 ppbv

RT: 7.80 min Scan# 1558

Delta R.T. 0.01 min

Lab File: VL036911.D

Acq: 6 May 2021 19:53

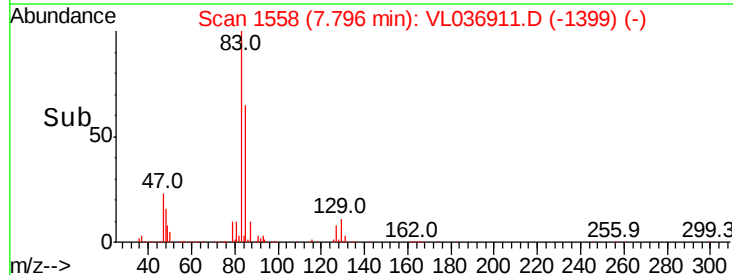
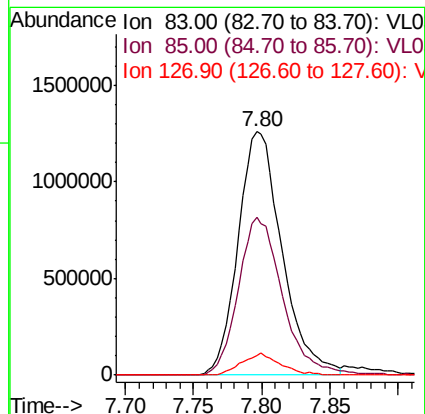
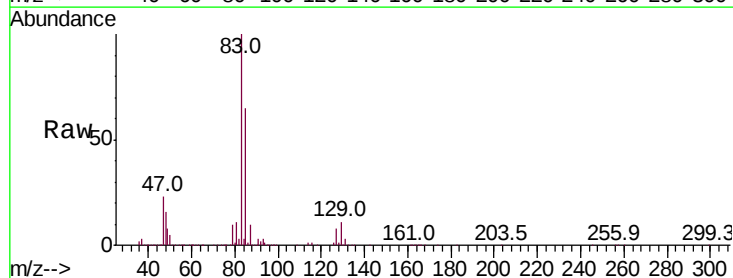
Tgt Ion: 83 Resp: 2818373

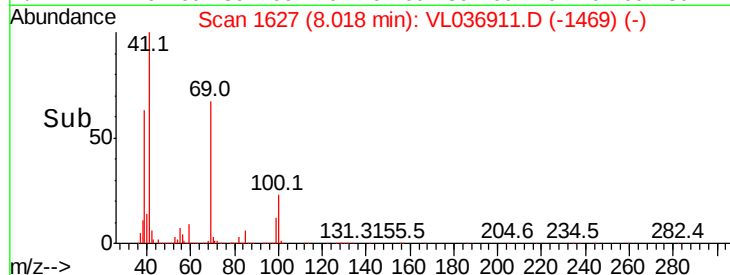
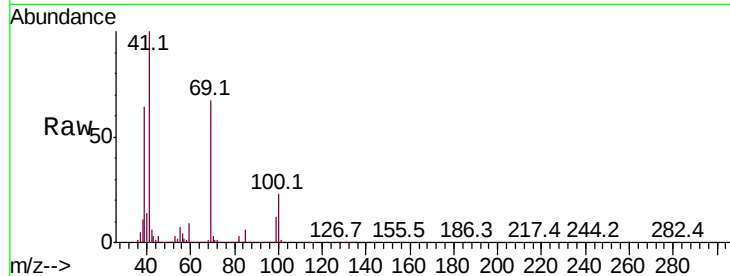
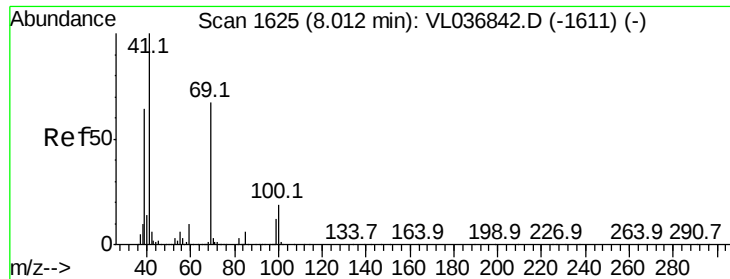
Ion Ratio Lower Upper

83 100

85 65.0 50.4 75.6

127 8.0 6.9 10.3





#43

Methyl Methacrylate

Concen: 12.752 ppbv

RT: 8.02

Instrument: MSVOA_1

Delta R.T. 0.01

Lab File: ClientSampleId : VSTDCCC010EC

Acq: 6 May 2021 19:55

Tot Ion:

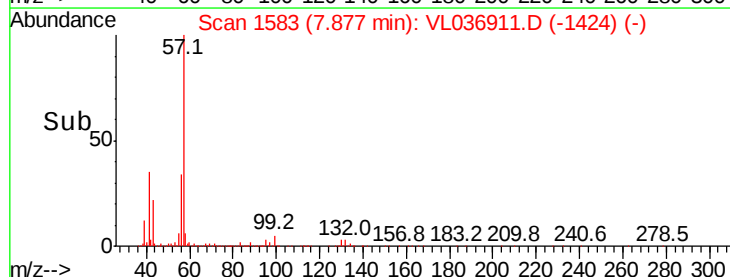
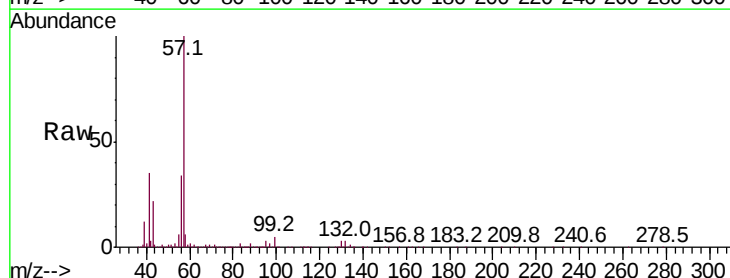
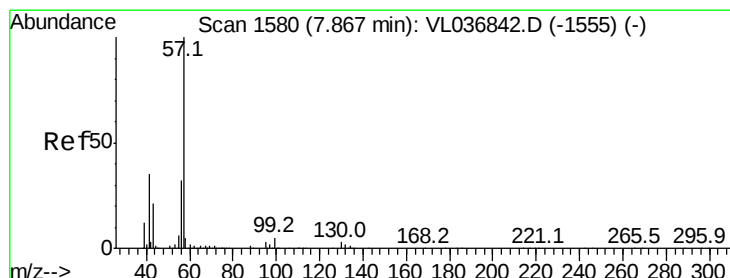
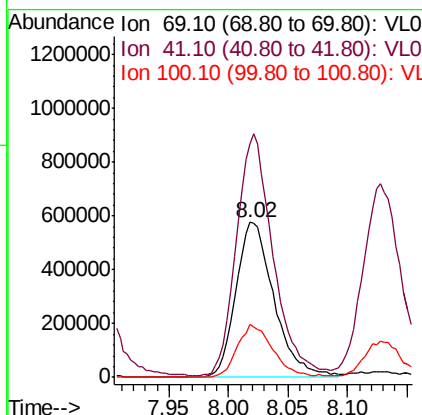
Ion	Ratio
69	100
41	151.
100	32.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2021

Supervised By :Mahesh Dadoda 05/10/2021



#44

2,2,4-Trimethylpentane

Concen: 11.126 ppbv

RT: 7.88 min Scan# 1583

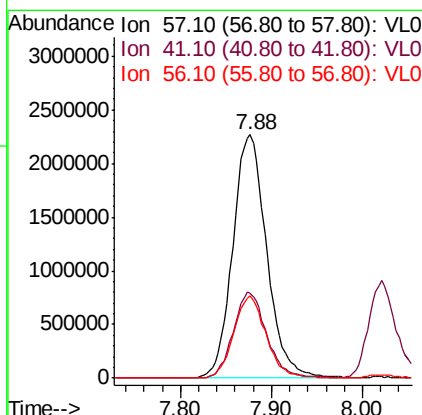
Delta R.T. 0.01 min

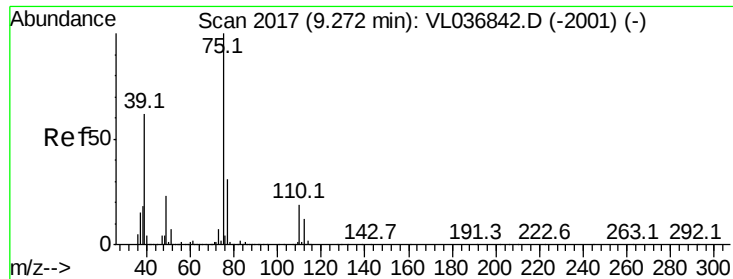
Lab File: VL036911.D

Acq: 6 May 2021 19:53

Tgt Ion: 57 Resp: 5875810

Ion	Ratio	Lower	Upper
57	100		
41	34.4	28.2	42.4
56	32.4	25.9	38.9





#45

t-1,3-Dichloropropene

Concen: 13.157 ppbv

RT: 9.28 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 6 May 2021 19:55 VSTDCCC010EC

Tot Ion:

Ion Ratio

75 100

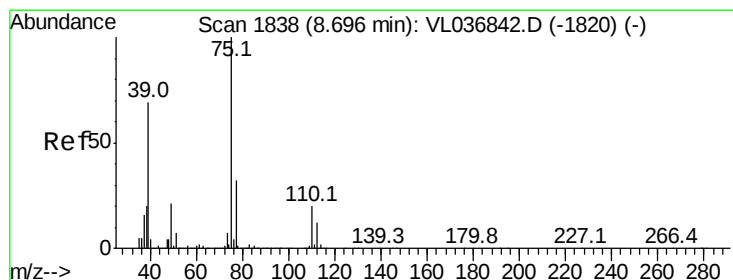
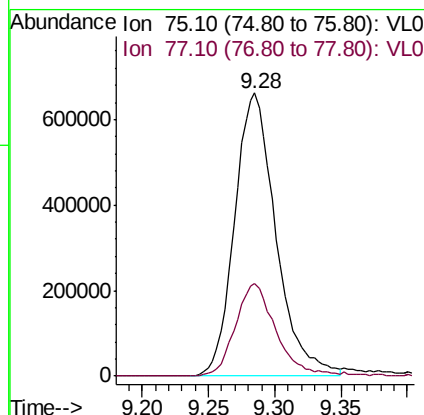
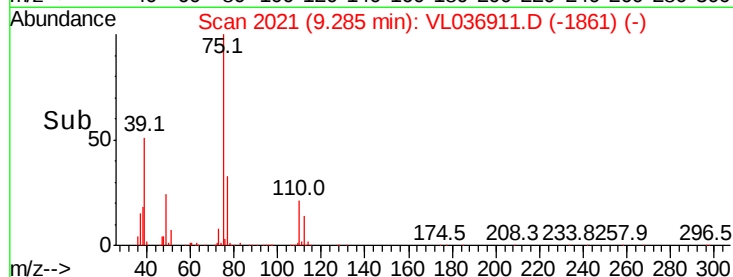
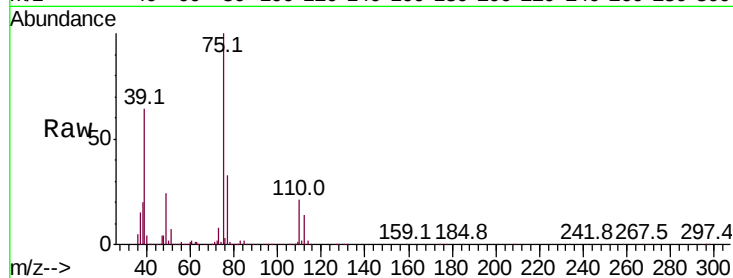
77 32.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2021

Supervised By :Mahesh Dadoda 05/10/2021



#46

cis-1,3-Dichloropropene

Concen: 13.025 ppbv

RT: 8.71 min Scan# 1842

Delta R.T. 0.01 min

Lab File: VL036911.D

Acq: 6 May 2021 19:53

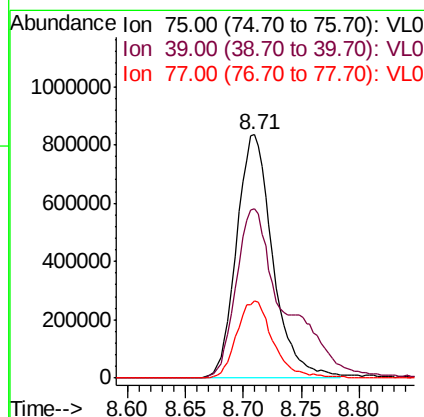
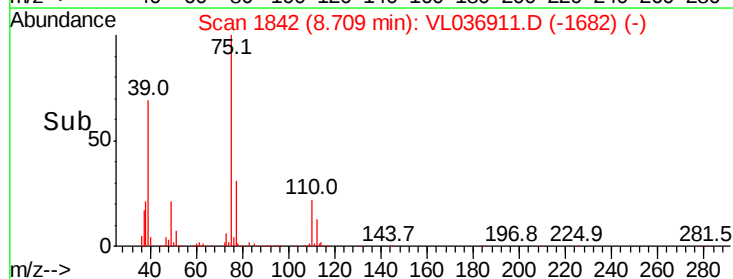
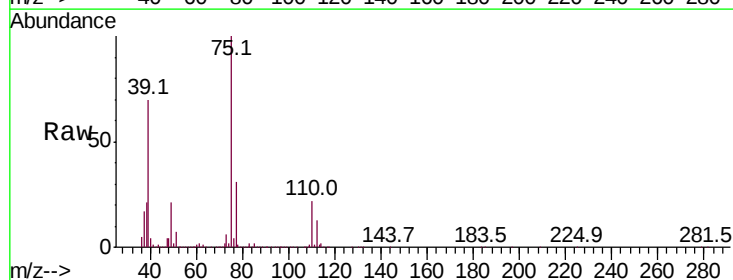
Tgt Ion: 75 Resp: 1810308

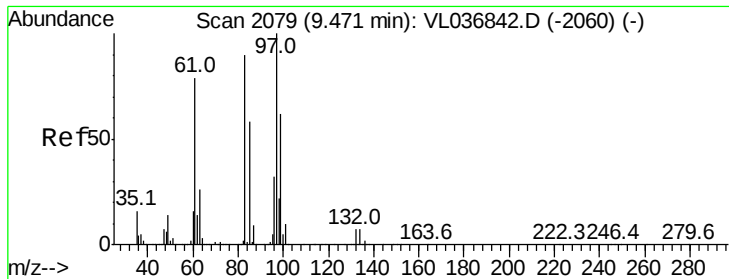
Ion Ratio Lower Upper

75 100

39 69.4 55.4 83.0

77 31.5 25.2 37.8



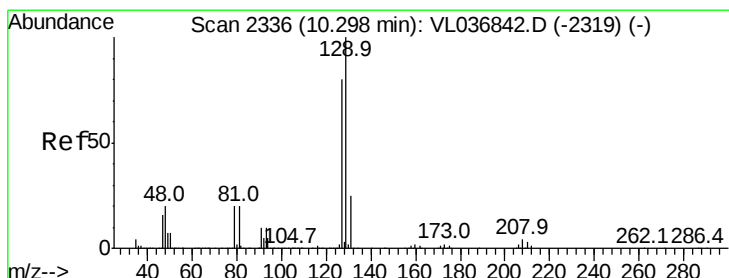
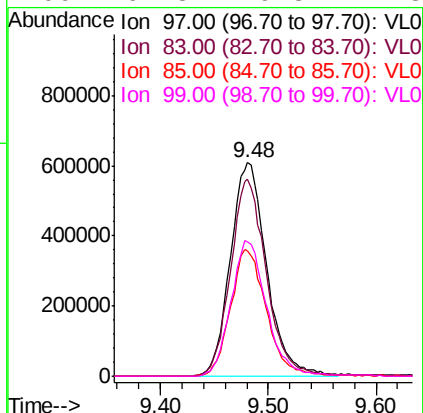
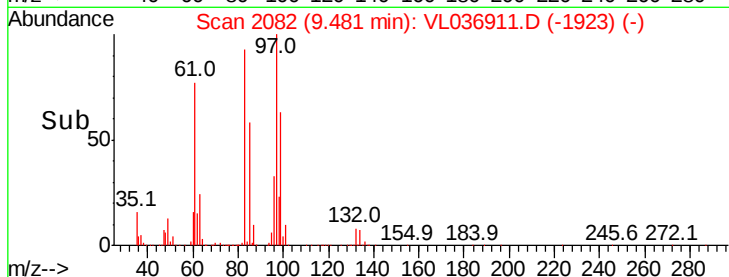
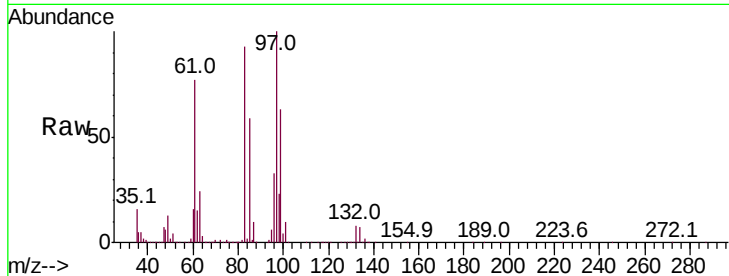


#47
 1,1,2-Trichloroethane
 Concen: 11.195 ppbv
 RT: 9.48 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 6 May 2021 19:55

Tot Ion:
 Ion Ratio
 97 100
 83 92.
 85 58.
 99 62.8 49.8 74.8

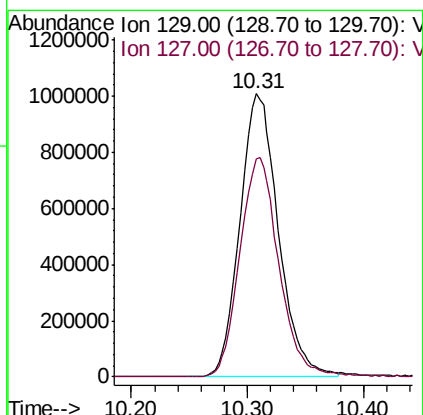
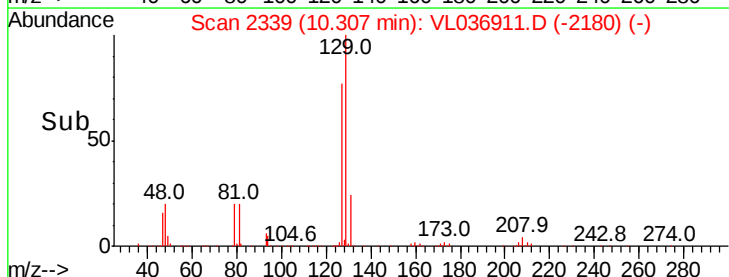
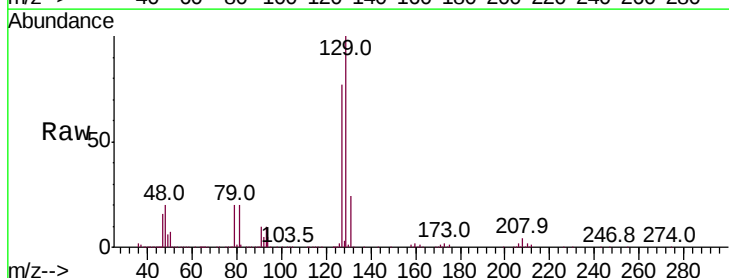
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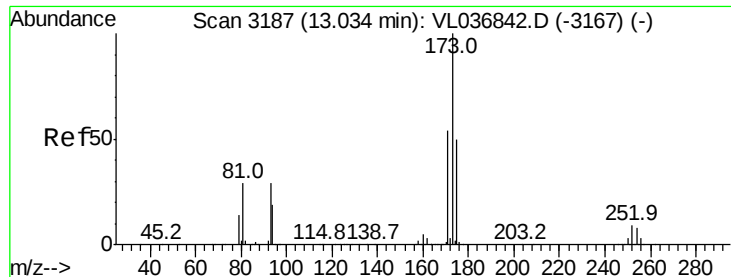
Reviewed By :Semsettin Yesilyurt 05/08/2021
 Supervised By :Mahesh Dadoda 05/10/2021



#48
 Dibromochloromethane
 Concen: 12.266 ppbv
 RT: 10.31 min Scan# 2339
 Delta R.T. 0.01 min
 Lab File: VL036911.D
 Acq: 6 May 2021 19:53

Tgt Ion:129 Resp: 2323209
 Ion Ratio Lower Upper
 129 100
 127 79.2 40.2 120.5





#49

Bromoform

Concen: 12.385 ppbv

RT: 13.04

Delta R.T.

Lab File:

Acq: 6 May 2021 19:55

Instrument:

MSVOA_1

ClientSampleId:

VSTDCCC010EC

Tot Ion:1

Ion Ratio

173 100

175 49.

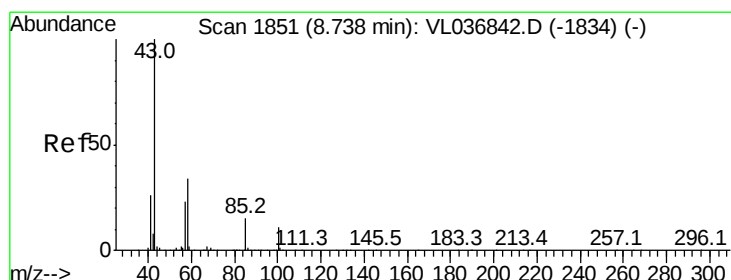
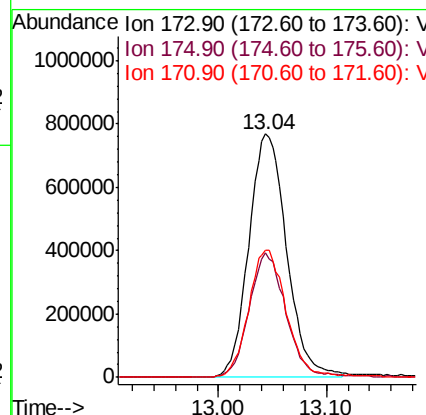
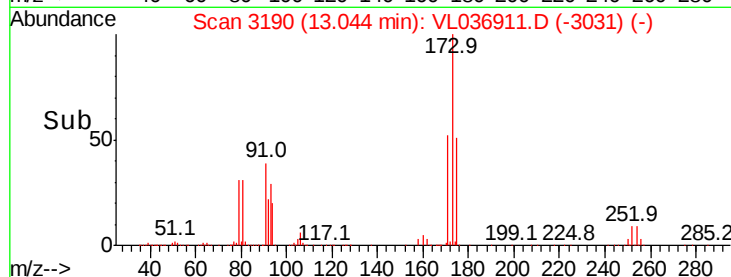
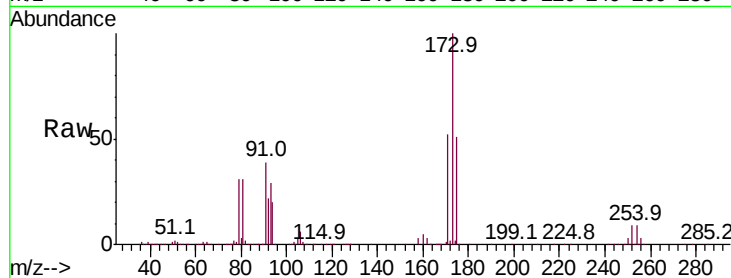
171 52.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2021

Supervised By :Mahesh Dadoda 05/10/2021



#50

4-Methyl-2-Pentanone

Concen: 11.981 ppbv

RT: 8.75 min Scan# 1855

Delta R.T. 0.01 min

Lab File: VL036911.D

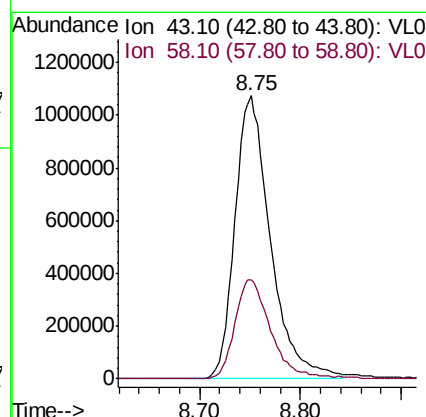
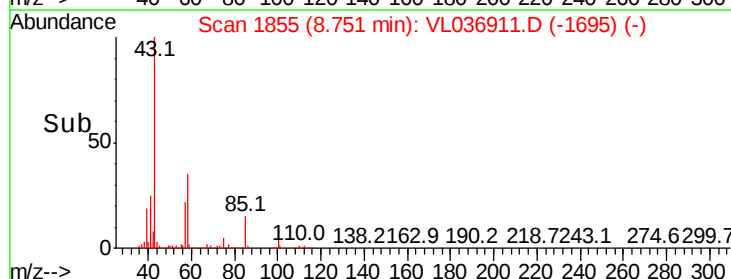
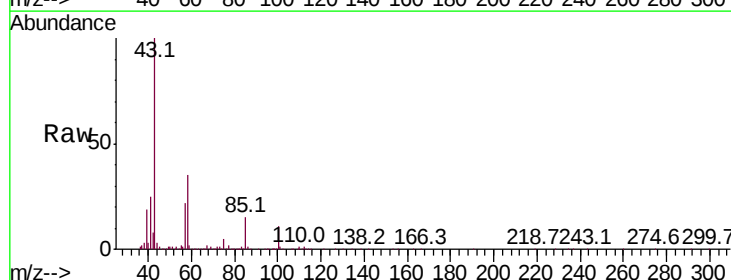
Acq: 6 May 2021 19:53

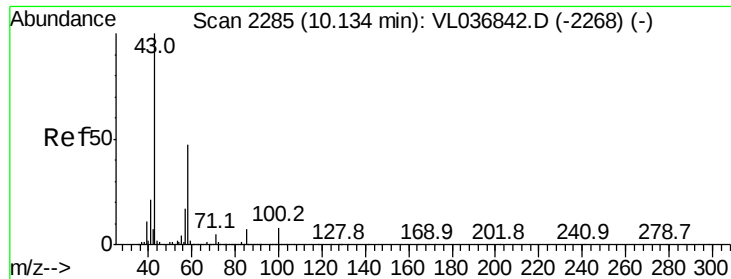
Tgt Ion: 43 Resp: 2623743

Ion Ratio Lower Upper

43 100

58 35.8 27.8 41.8



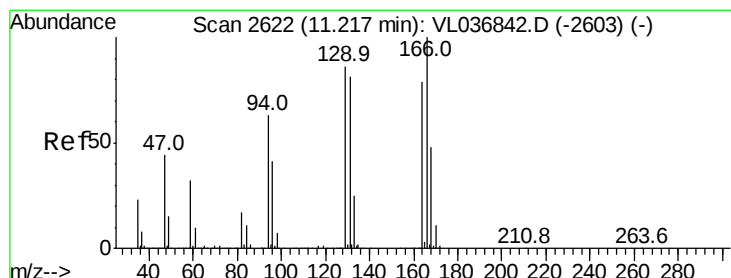
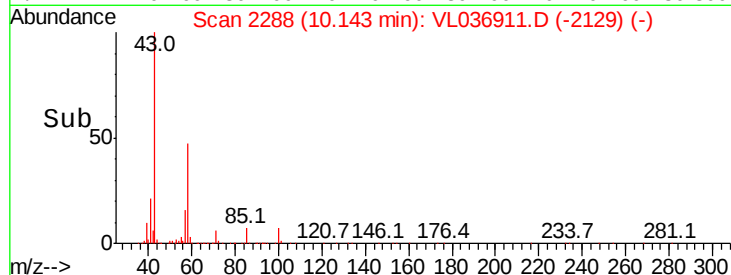
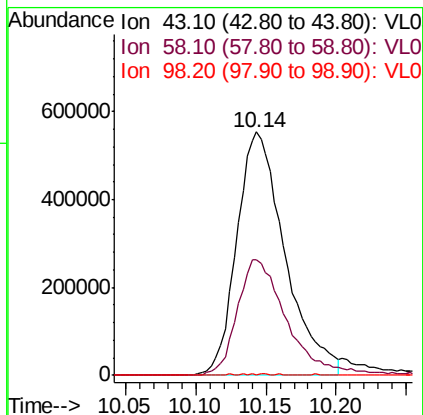
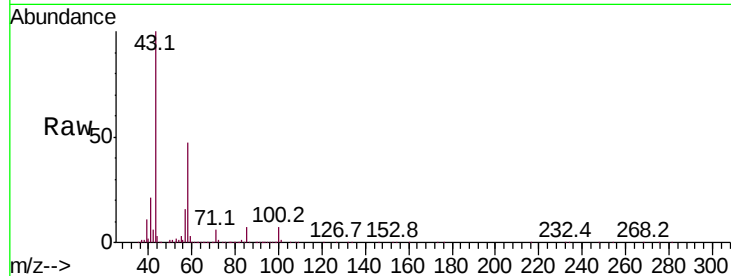


#51
2-Hexanone
Concen: 12.121 ppbv
RT: 10.14 min
Delta R.T.: 0.01 min
Lab File: VL036911.D
Acq: 6 May 2021 19:53

Tot Ion:
Ion Ratio
43 100
58 49.1
98 0.0

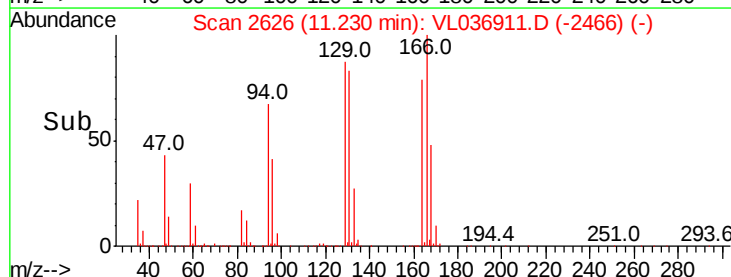
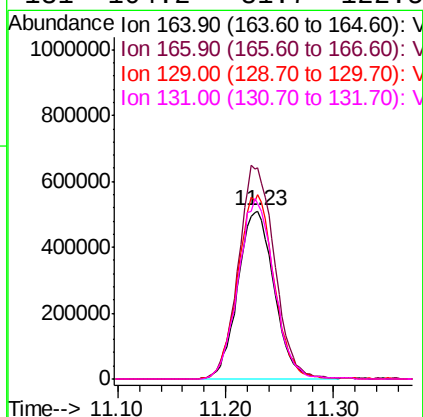
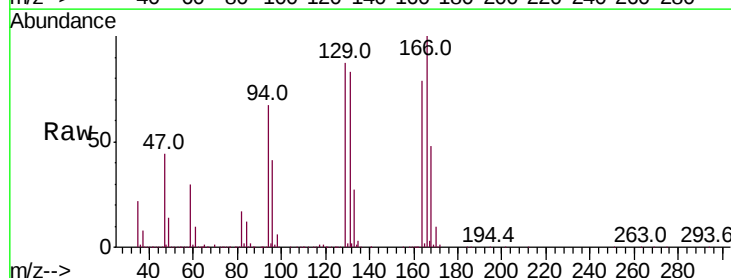
Manual Integrations
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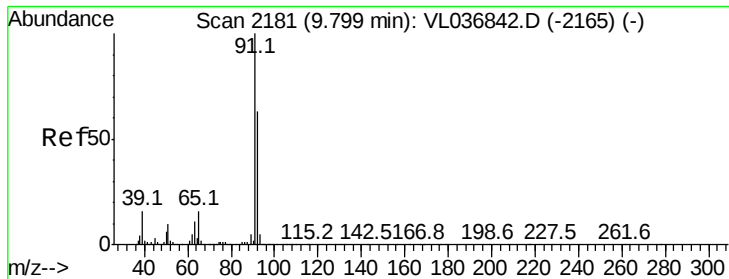
Reviewed By :Semsettin Yesilyurt 05/08/2021
Supervised By :Mahesh Dadoda 05/10/2021



#52
Tetrachloroethene
Concen: 11.397 ppbv
RT: 11.23 min Scan# 2626
Delta R.T.: 0.01 min
Lab File: VL036911.D
Acq: 6 May 2021 19:53

Tgt Ion:164 Resp: 1195960
Ion Ratio Lower Upper
164 100
166 126.0 100.9 151.3
129 109.5 87.0 130.4
131 104.2 81.7 122.5



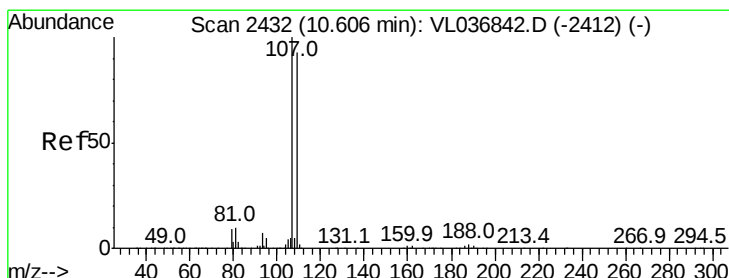
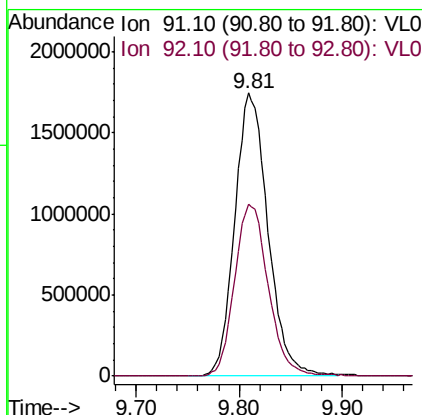
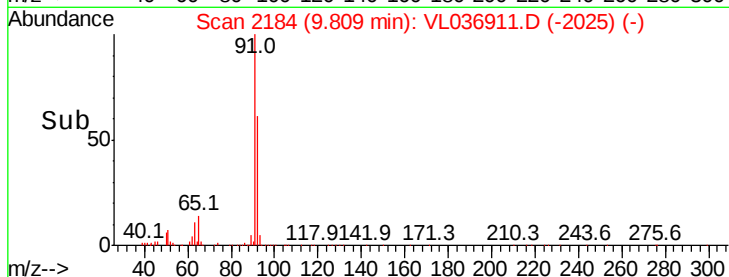
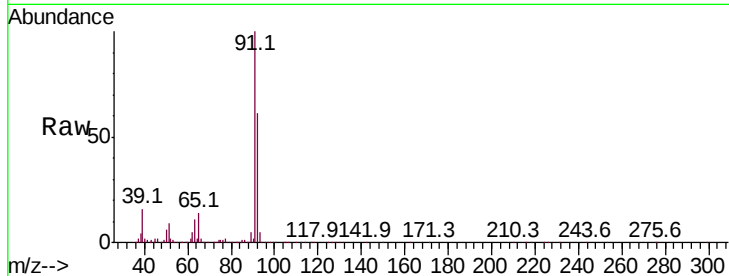


#53
Toluene
Concen: 12.180 ppbv
RT: 9.81
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VSTDCCC010EC
Acq: 6 May 2021 19:55

Tot Ion:
Ion Ratio
91 100
92 61.

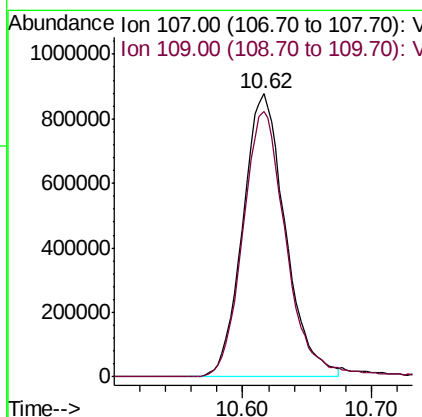
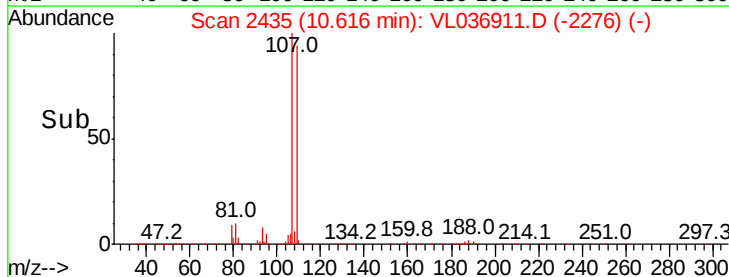
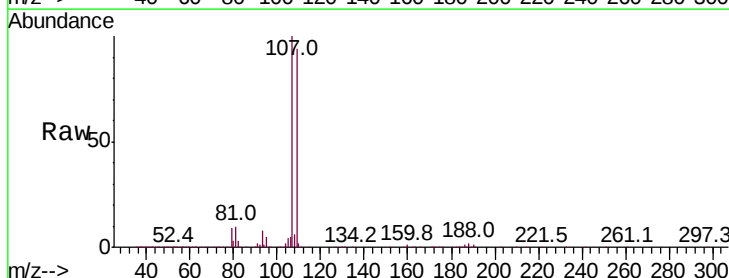
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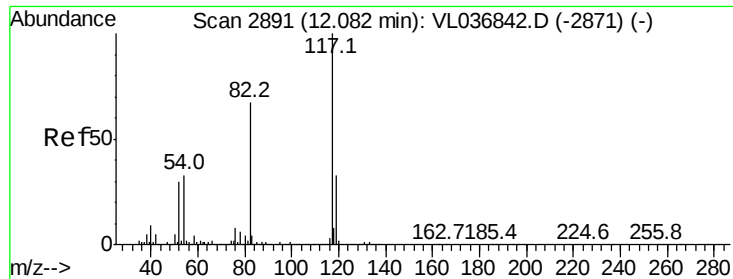
Reviewed By :Semsettin Yesilyurt 05/08/2021
Supervised By :Mahesh Dadoda 05/10/2021



#54
1,2-Dibromoethane
Concen: 11.189 ppbv
RT: 10.62 min Scan# 2435
Delta R.T. 0.01 min
Lab File: VL036911.D
Acq: 6 May 2021 19:53

Tgt Ion:107 Resp: 2019255
Ion Ratio Lower Upper
107 100
109 93.6 74.7 112.1



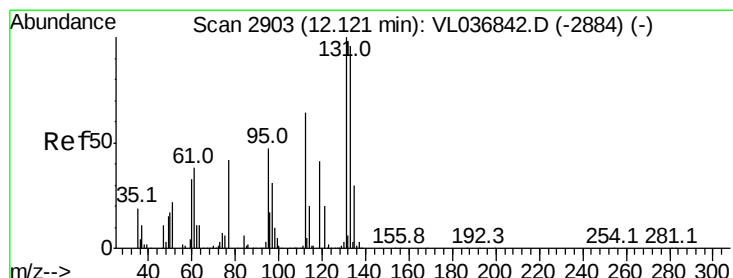
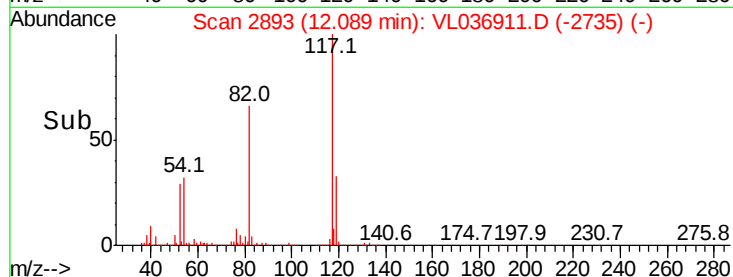
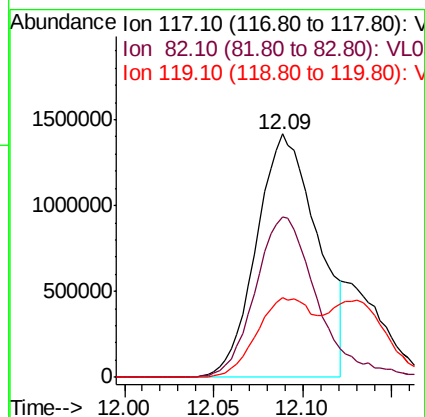
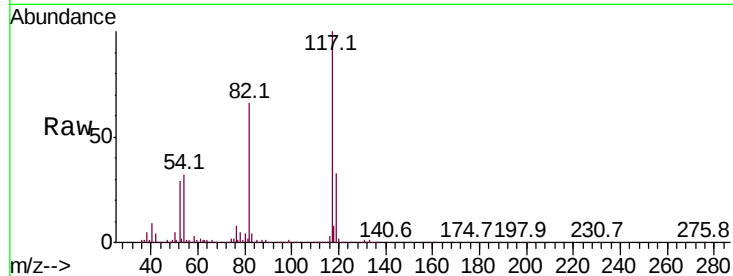


#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.09
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VSTDCCC010EC
Acq: 6 May 2021 19:55

Tot Ion:1
Ion Rati
117 100
82 67.
119 27.

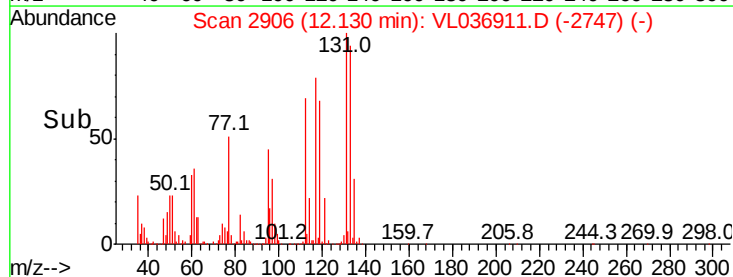
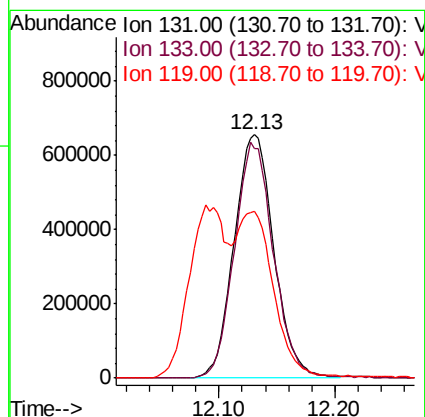
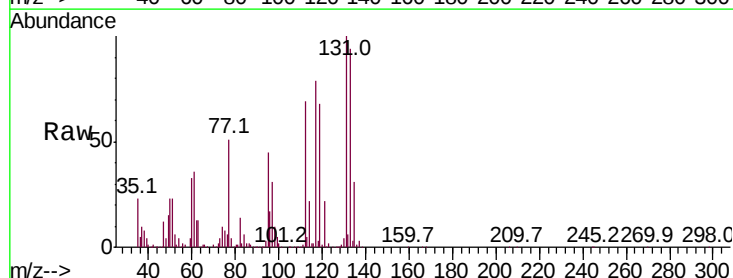
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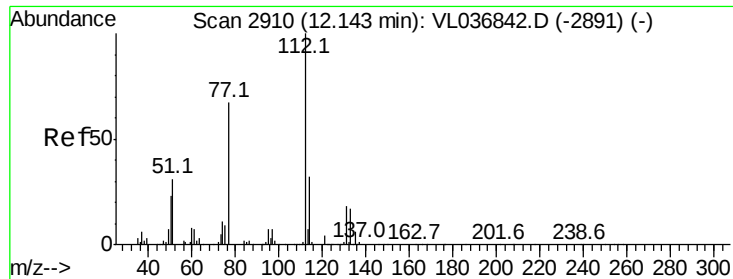
Reviewed By :Semsettin Yesilyurt 05/08/2021
Supervised By :Mahesh Dadoda 05/10/2021



#56
1,1,1,2-Tetrachloroethane
Concen: 10.945 ppbv
RT: 12.13 min Scan# 2906
Delta R.T. 0.01 min
Lab File: VL036911.D
Acq: 6 May 2021 19:53

Tgt Ion:131 Resp: 1545553
Ion Ratio Lower Upper
131 100
133 96.3 76.3 114.5
119 68.6 114.9 172.3#



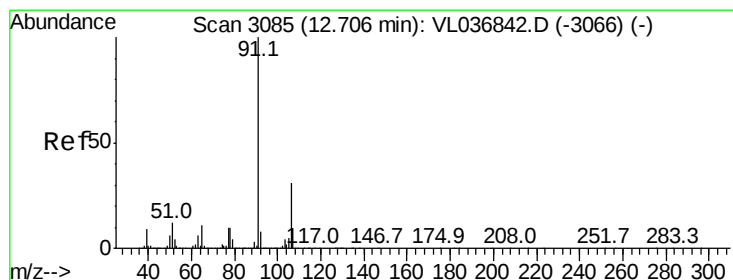
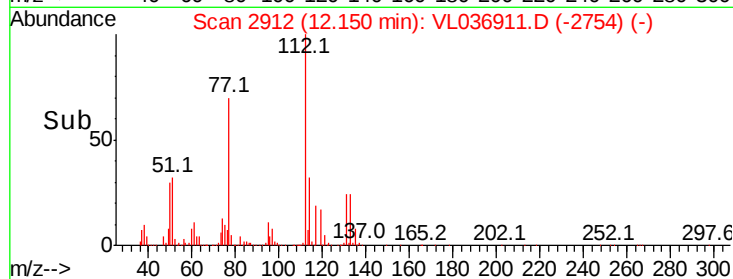
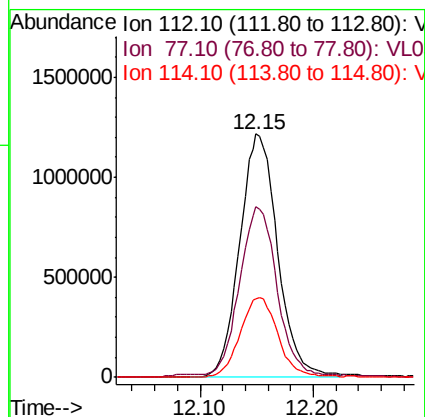
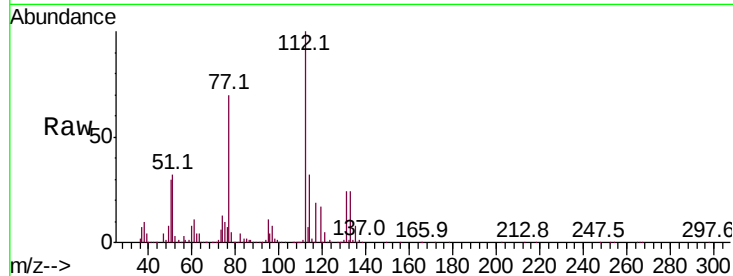


#57
Chlorobenzene
Concen: 10.815 ppbv
RT: 12.15 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VSTDCCC010EC
Acq: 6 May 2021 19:55

Tot Ion: 1
Ion Ratio
112 100
77 69.
114 32.

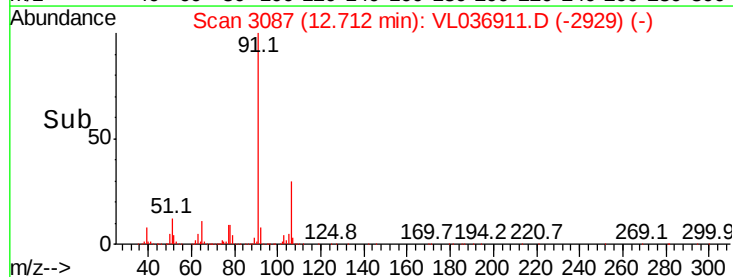
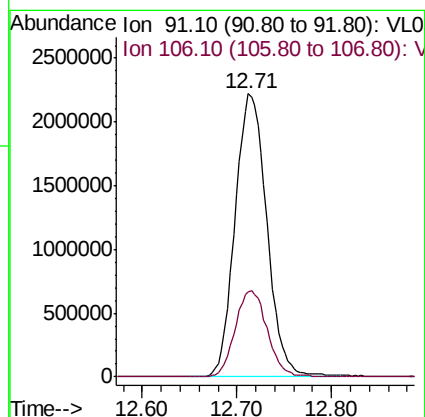
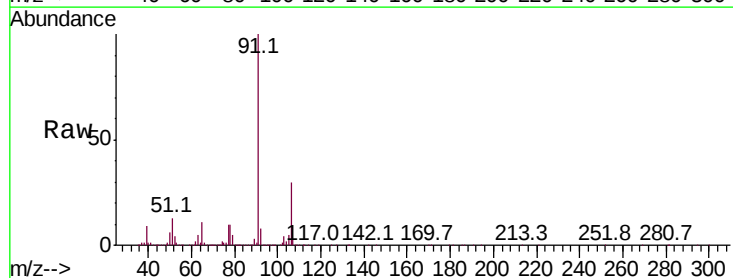
Manual Integrations
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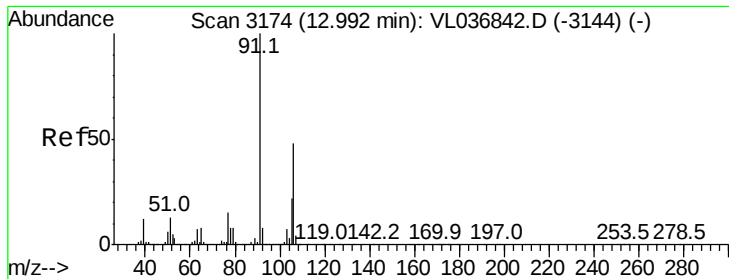
Reviewed By : Semsettin Yesilyurt 05/08/2021
Supervised By : Mahesh Dadoda 05/10/2021



#58
Ethyl Benzene
Concen: 12.150 ppbv
RT: 12.71 min Scan# 3087
Delta R.T.: 0.01 min
Lab File: VL036911.D
Acq: 6 May 2021 19:53

Tgt Ion: 91 Resp: 5190764
Ion Ratio Lower Upper
91 100
106 30.2 25.1 37.7



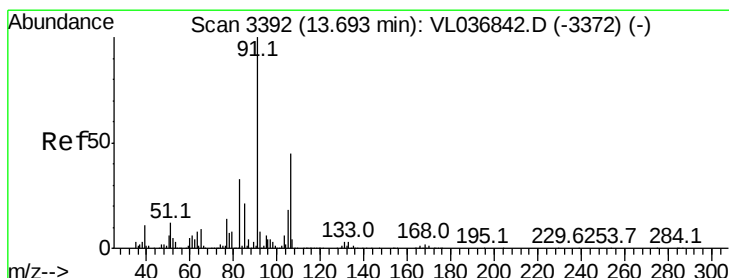
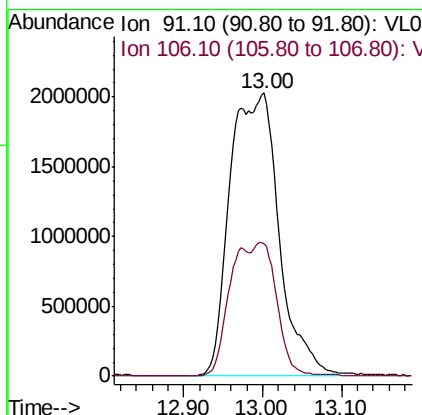
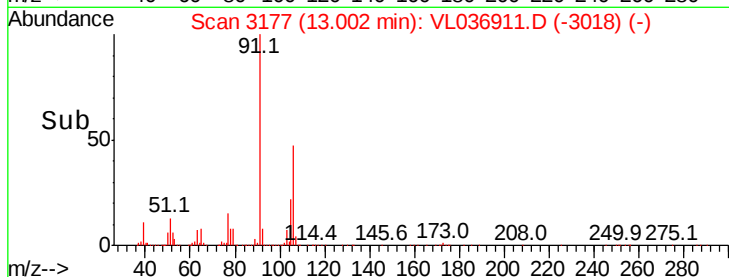
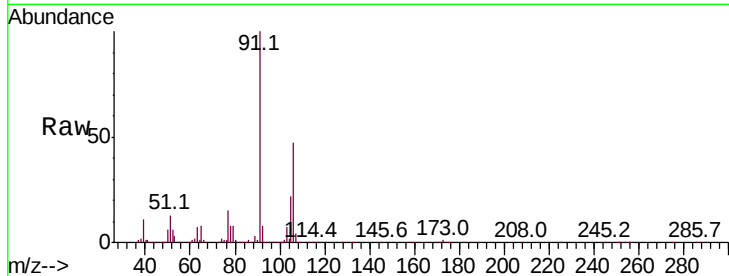


#59
m/p-Xylene
Concen: 22.751 ppbv m
RT: 13.00
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
VSTDCCC010EC
Acq: 6 May 2021 19:55

Tot Ion:
Ion Ratio
91 100
106 44.

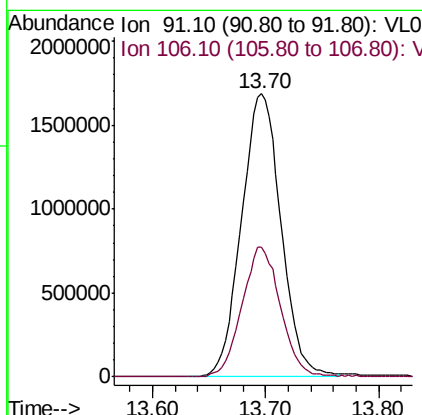
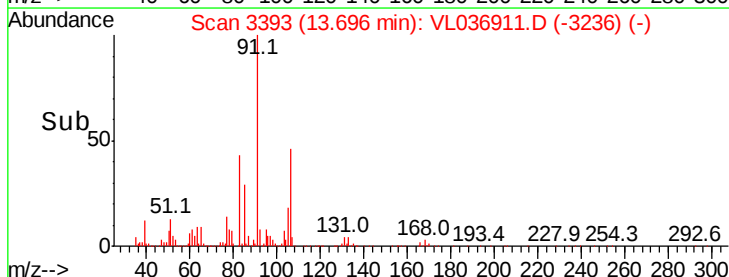
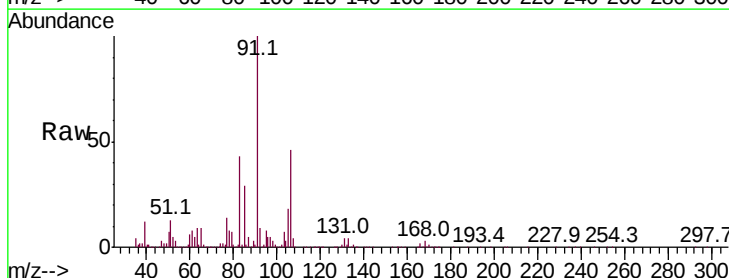
Manual Integrations
APPROVED

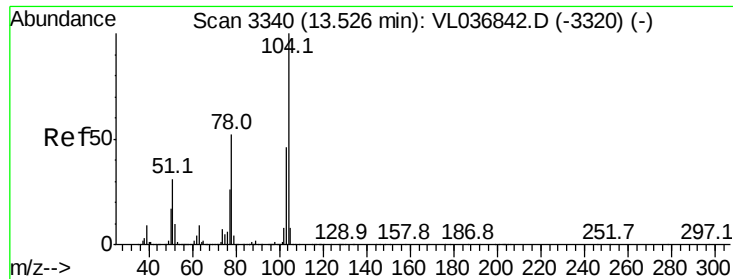
Reviewed By :Semsettin Yesilyurt 05/08/2021
Supervised By :Mahesh Dadoda 05/10/2021



#60
o-Xylene
Concen: 11.090 ppbv
RT: 13.70 min Scan# 3393
Delta R.T. 0.00 min
Lab File: VL036911.D
Acq: 6 May 2021 19:53

Tgt Ion: 91 Resp: 4094588
Ion Ratio Lower Upper
91 100
106 45.2 22.6 67.7





#61

Stvrene

Concen: 13.619 ppbv

RT: 13.53

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 6 May 2021 19:53 VSTDCCC010EC

Tot Ion:1

Ion Rati

104 100

78 53.

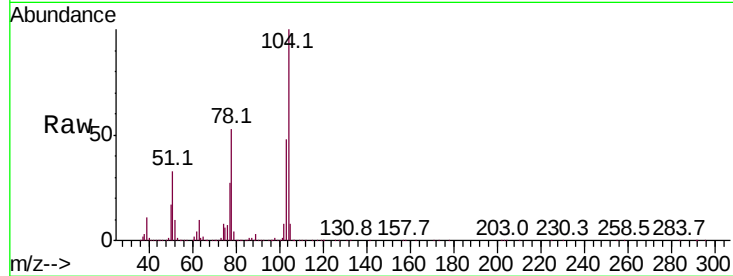
103 47.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2021

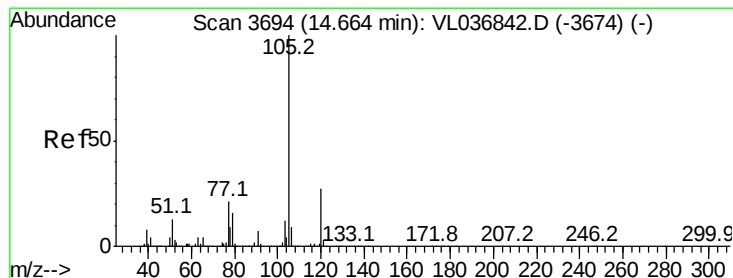
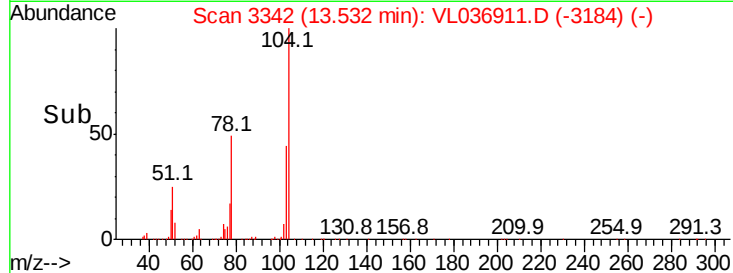
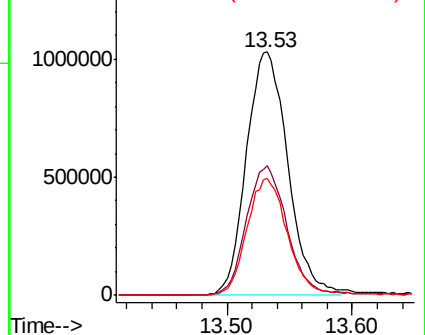
Supervised By :Mahesh Dadoda 05/10/2021



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: 10.986 ppbv

RT: 14.67 min Scan# 3696

Delta R.T. 0.01 min

Lab File: VL036911.D

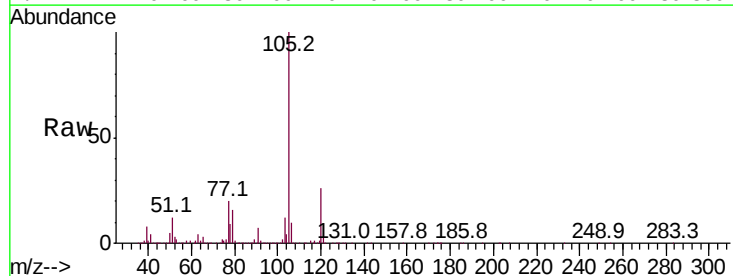
Acq: 6 May 2021 19:53

Tgt Ion:105 Resp: 5518568

Ion Ratio Lower Upper

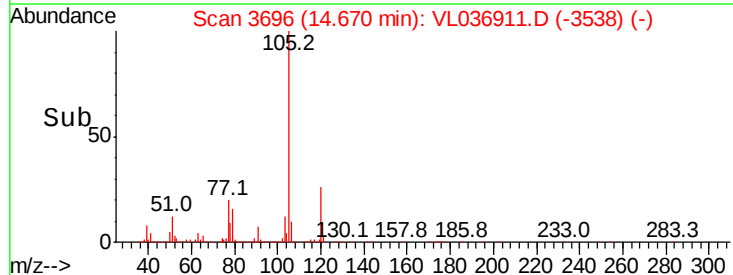
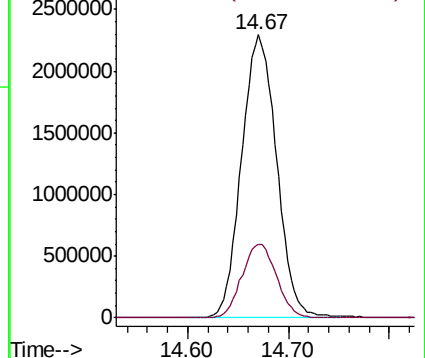
105 100

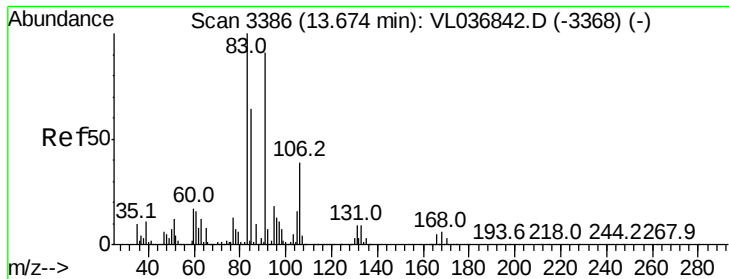
120 26.1 21.1 31.7



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: 10.033 ppbv

RT: 13.68

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 6 May 2021 19:55

Tot Ion:

Ion Ratio

83 100

131 9.

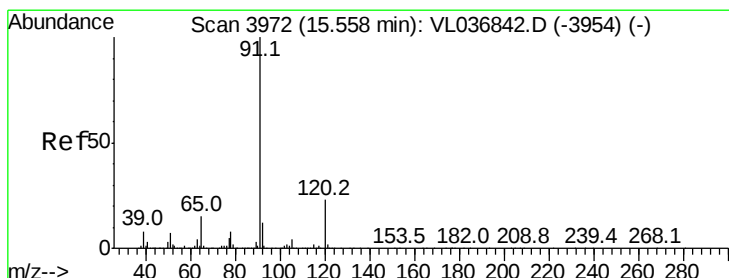
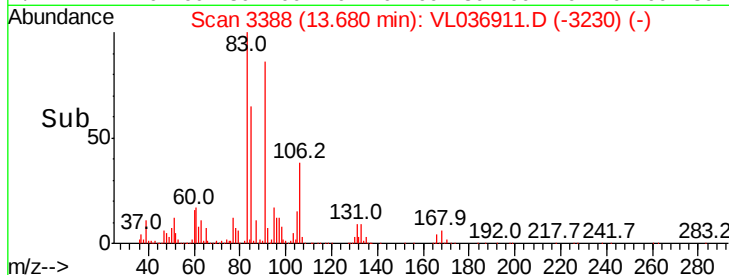
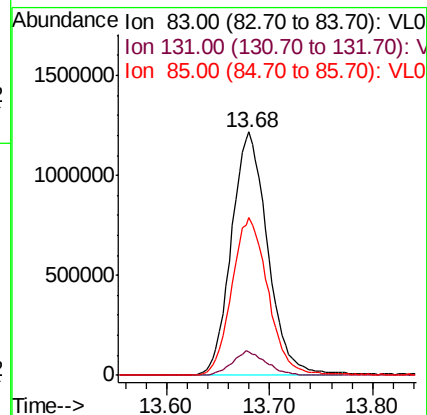
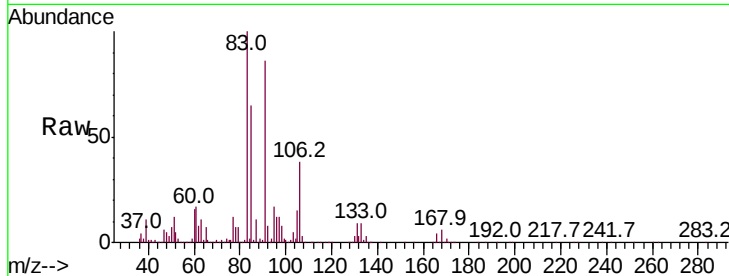
85 65.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2021

Supervised By :Mahesh Dadoda 05/10/2021



#64

n-propylbenzene

Concen: 11.580 ppbv

RT: 15.57 min Scan# 3975

Delta R.T. 0.01 min

Lab File: VL036911.D

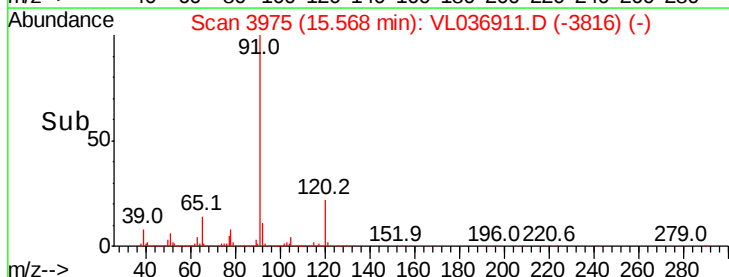
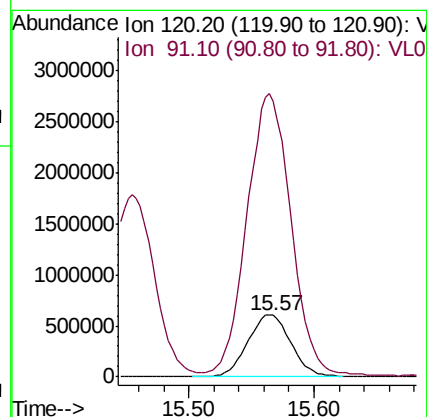
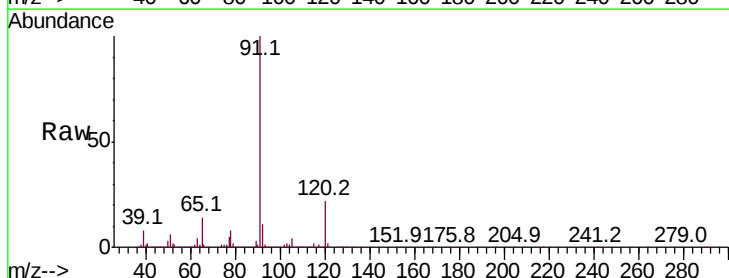
Acq: 6 May 2021 19:53

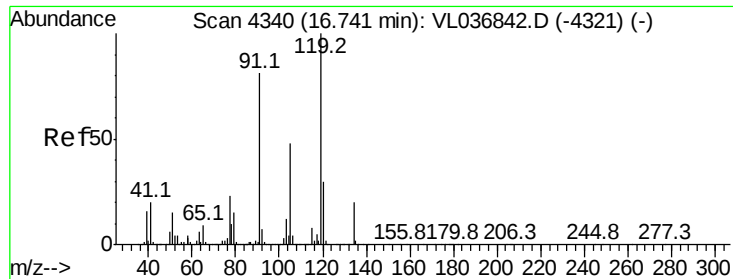
Tgt Ion:120 Resp: 1449761

Ion Ratio Lower Upper

120 100

91 473.1 378.6 567.8



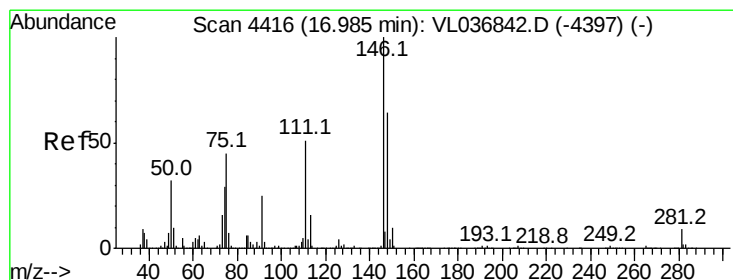
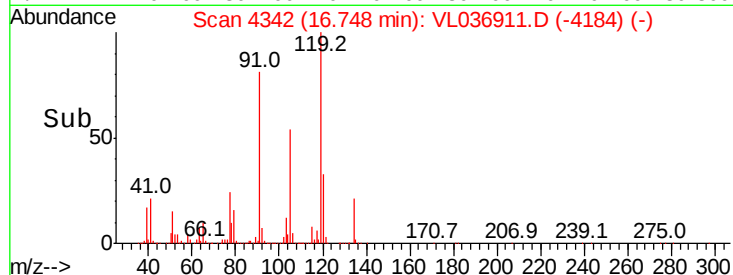
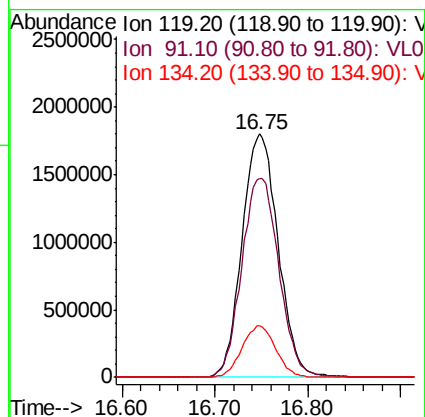
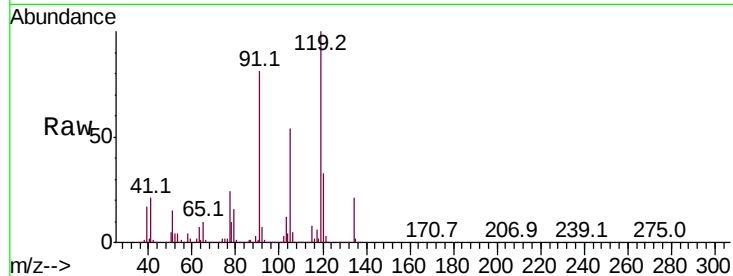


#65
tert-Butylbenzene
Concen: 10.925 ppbv
RT: 16.75 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 6 May 2021 19:55
VSTDCCC010EC

Tot Ion: 1
Ion Ratio
119 100
91 84.1
134 19.1

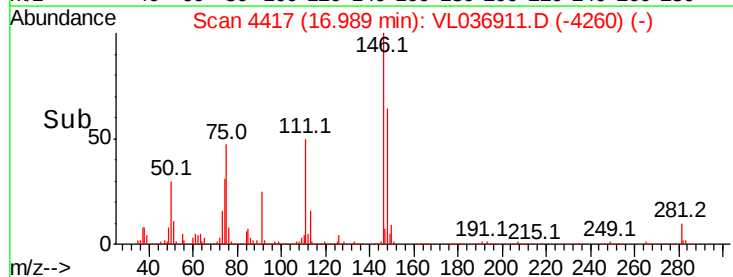
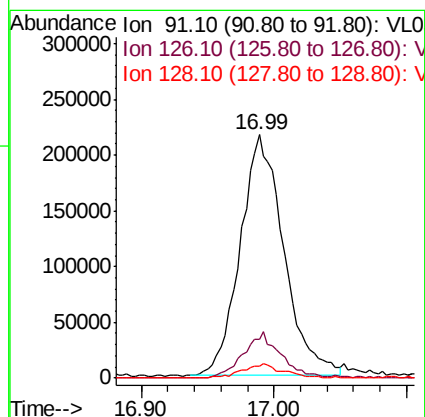
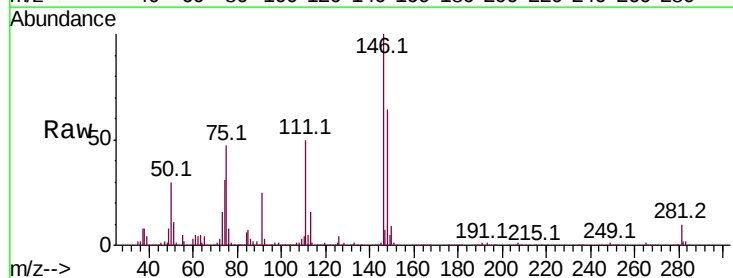
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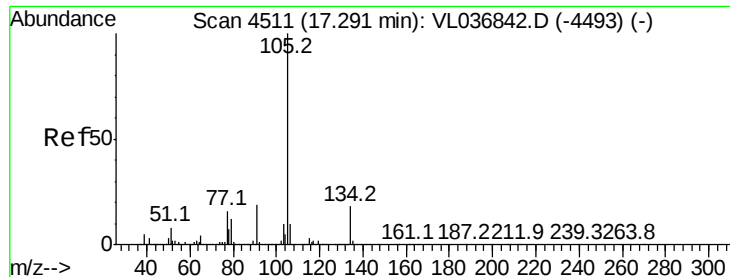
Reviewed By : Semsettin Yesilyurt 05/08/2021
Supervised By : Mahesh Dadoda 05/10/2021



#66
Benzyl Chloride
Concen: 11.353 ppbv
RT: 16.99 min Scan# 4417
Delta R.T.: 0.00 min
Lab File: VL036911.D
Acq: 6 May 2021 19:53

Tgt Ion: 91 Resp: 493027
Ion Ratio Lower Upper
91 100
126 17.4 14.1 21.1
128 6.3 4.8 7.2





#67

sec-Butylbenzene

Concen: 11.124 ppbv

RT: 17.29

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 6 May 2021 19:55

Tot Ion:1

Ion Ratio

105 100

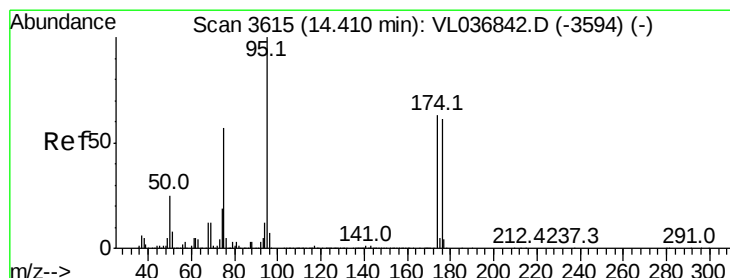
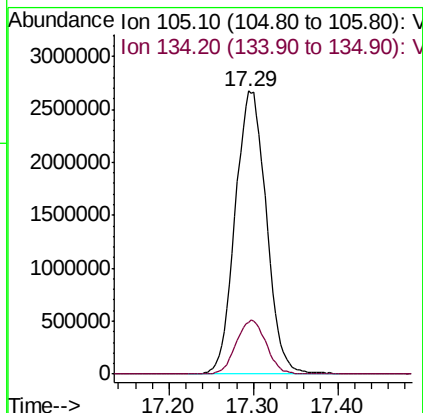
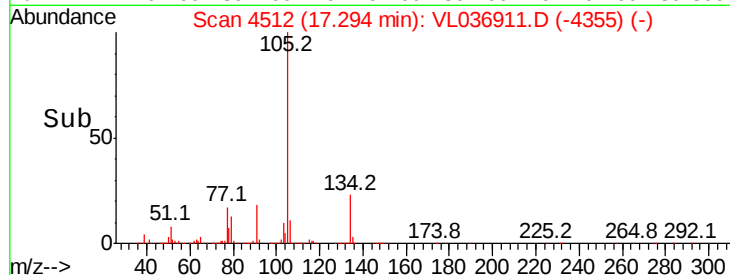
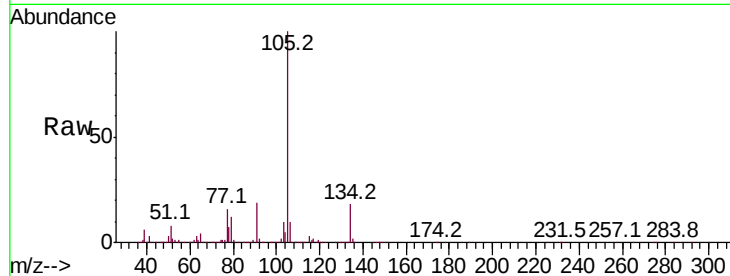
134 18.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2021

Supervised By :Mahesh Dadoda 05/10/2021



#68

1-Bromo-4-Fluorobenzene

Concen: 10.154 ppbv

RT: 14.42 min Scan# 3617

Delta R.T. 0.01 min

Lab File: VL036911.D

Acq: 6 May 2021 19:53

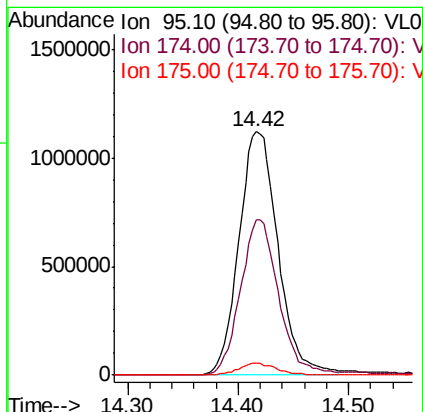
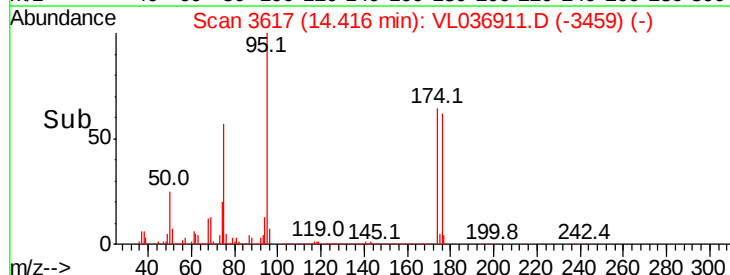
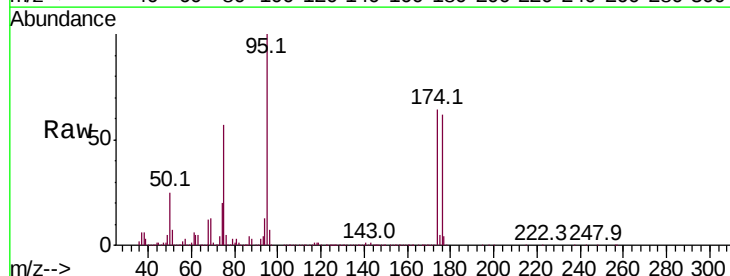
Tgt Ion: 95 Resp: 2745591

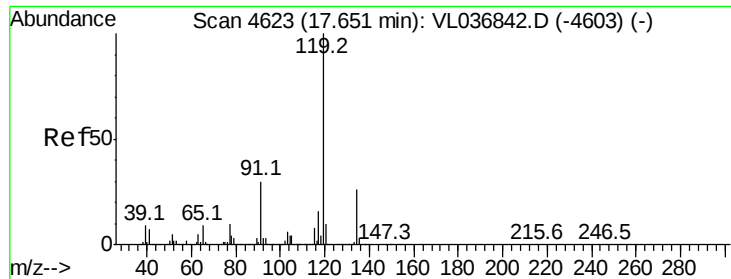
Ion Ratio Lower Upper

95 100

174 64.3 52.2 78.2

175 4.8 4.0 6.0



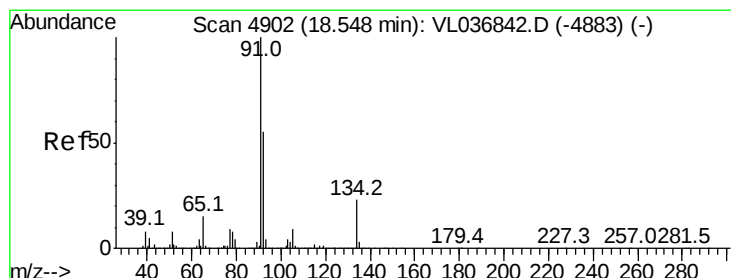
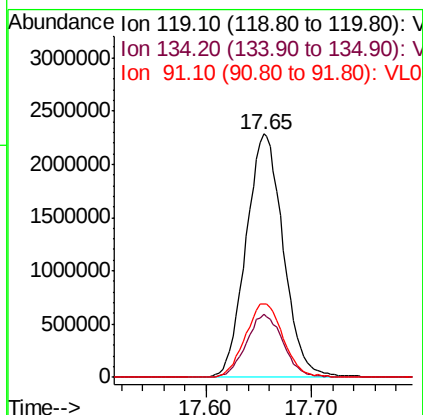
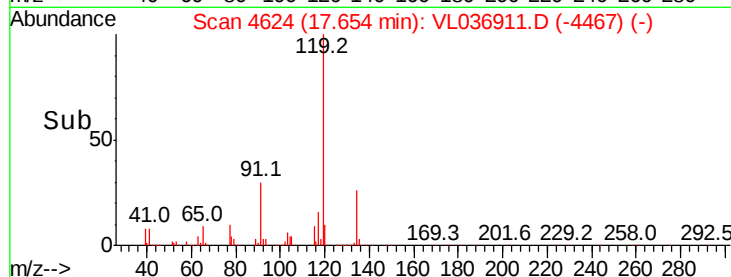
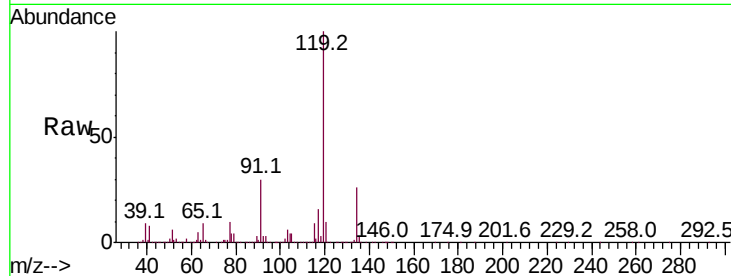


#69
 p-Isopropyltoluene
 Concen: 11.325 ppbv
 RT: 17.65 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 6 May 2021 19:55

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

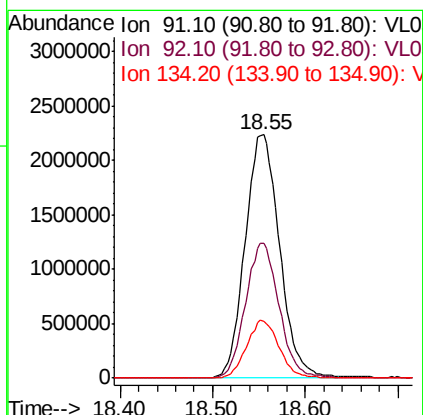
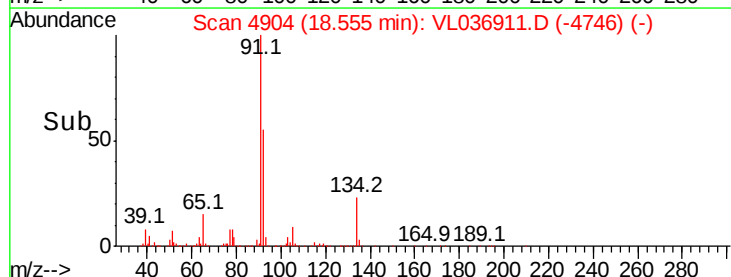
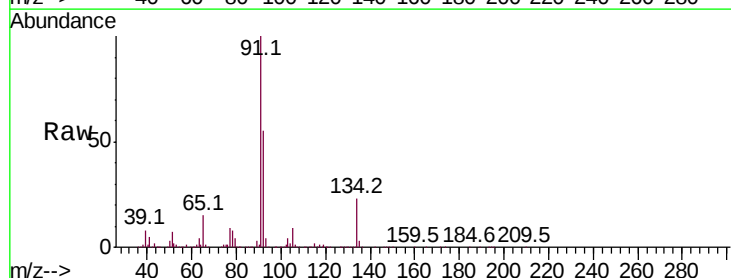
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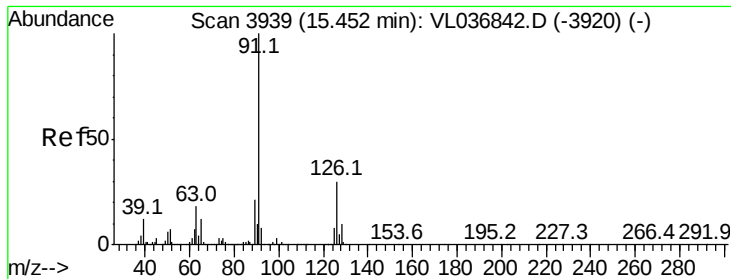
Reviewed By : Semsettin Yesilyurt 05/08/2021
 Supervised By : Mahesh Dadoda 05/10/2021



#70
 n-Butylbenzene
 Concen: 11.556 ppbv
 RT: 18.55 min Scan# 4904
 Delta R.T.: 0.01 min
 Lab File: VL036911.D
 Acq: 6 May 2021 19:53

Tgt Ion: 91 Resp: 5759211
 Ion Ratio Lower Upper
 91 100
 92 54.0 43.5 65.3
 134 22.6 18.2 27.4





#71

2-Chlorotoluene

Concen: 11.517 ppbv

RT: 15.46

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

VSTDCCC010EC

Acq: 6 May 2021 19:55

Tot Ion:

Ion Ratio

91 100

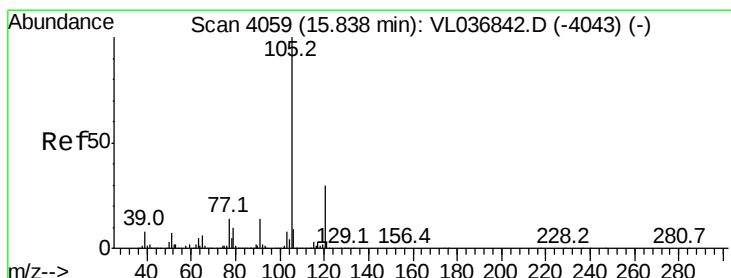
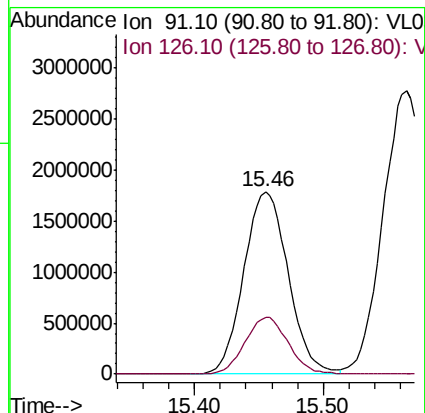
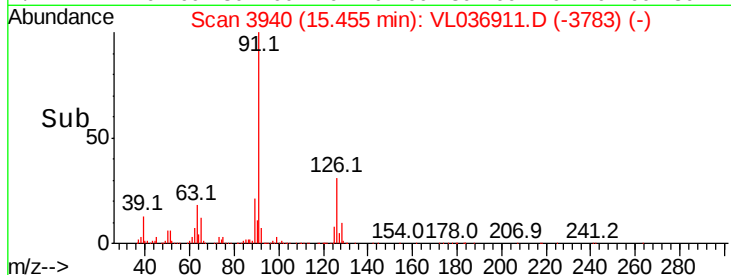
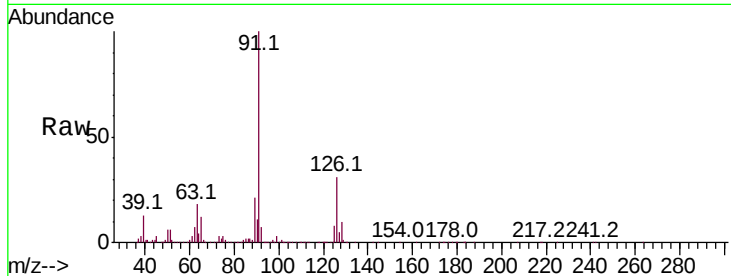
126 30.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2021

Supervised By :Mahesh Dadoda 05/10/2021



#72

4-Ethyltoluene

Concen: 12.071 ppbv

RT: 15.84 min Scan# 4061

Delta R.T. 0.01 min

Lab File: VL036911.D

Acq: 6 May 2021 19:53

Tgt Ion:105 Resp: 4783809

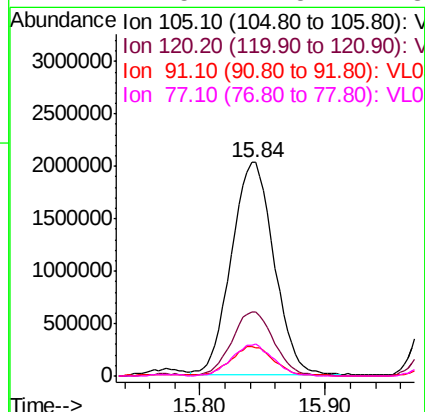
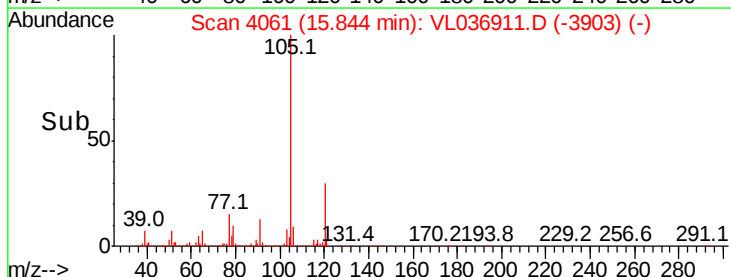
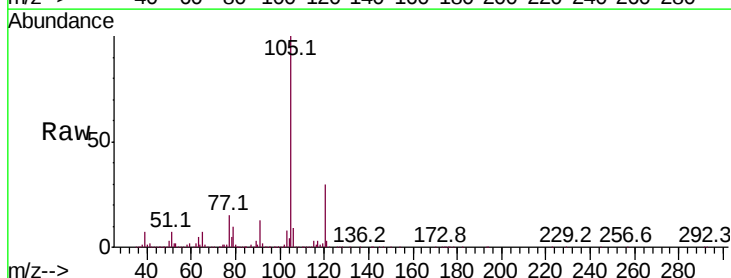
Ion Ratio Lower Upper

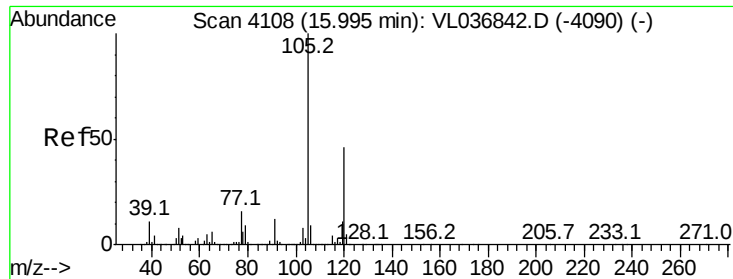
105 100

120 30.0 23.8 35.6

91 13.8 10.7 16.1

77 14.5 11.5 17.3



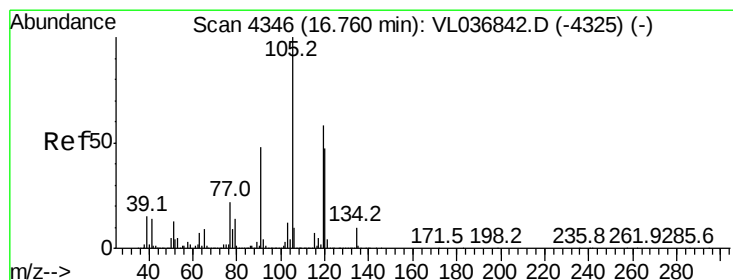
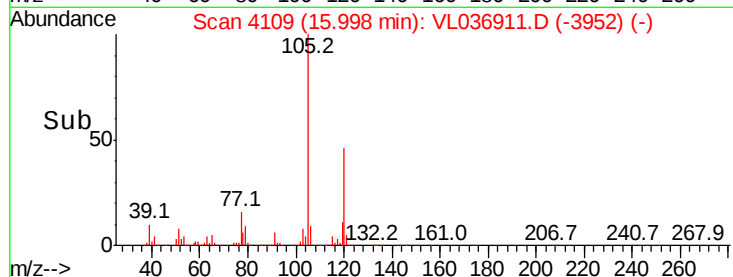
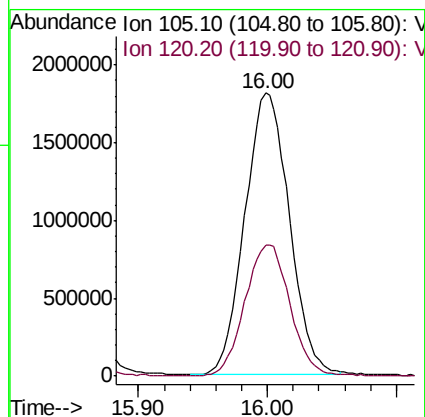
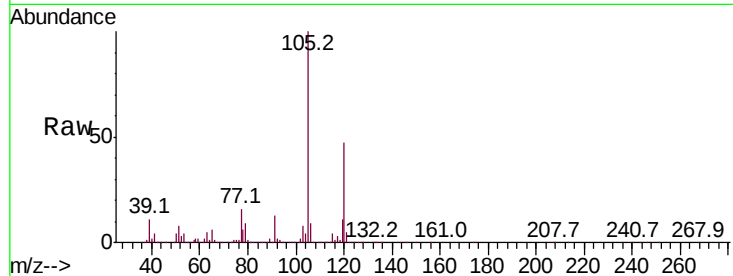


#73
 1,3,5-Trimethylbenzene
 Concen: 11.330 ppbv
 RT: 16.00
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 6 May 2021 19:55

Tot Ion:1
 Ion Rati
 105 100
 120 46.

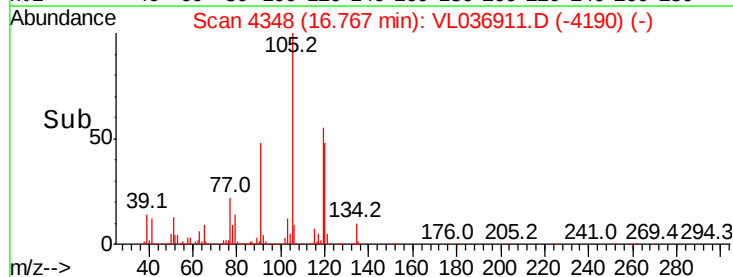
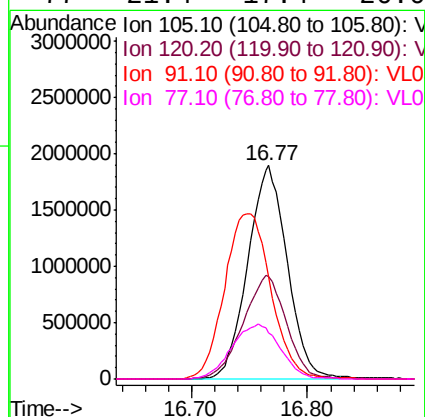
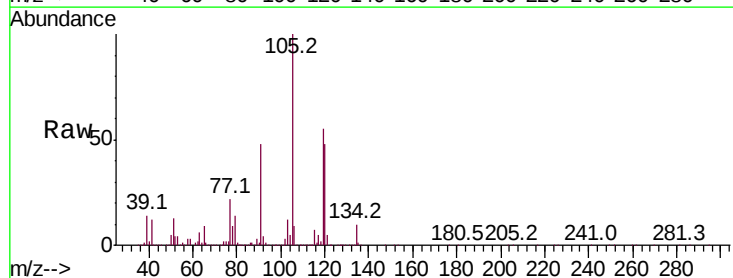
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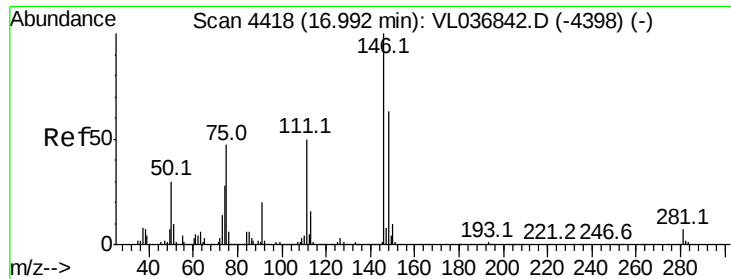
Reviewed By :Semsettin Yesilyurt 05/08/2021
 Supervised By :Mahesh Dadoda 05/10/2021



#74
 1,2,4-Trimethylbenzene
 Concen: 10.958 ppbv
 RT: 16.77 min Scan# 4348
 Delta R.T. 0.01 min
 Lab File: VL036911.D
 Acq: 6 May 2021 19:53

Tgt Ion:105 Resp: 4473461
 Ion Ratio Lower Upper
 105 100
 120 48.0 37.6 56.4
 91 47.4 39.0 58.4
 77 21.4 17.4 26.0



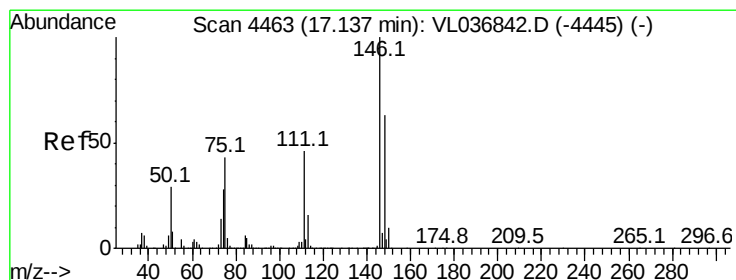
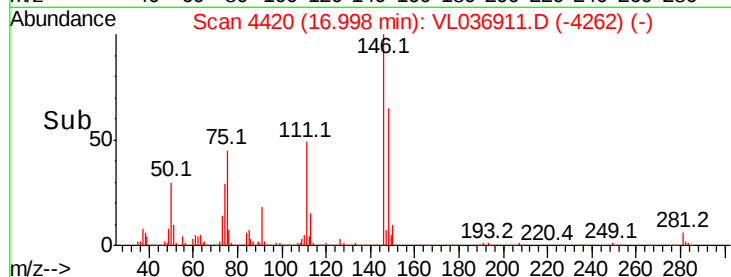
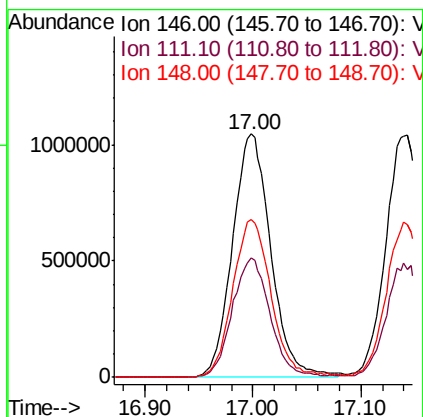
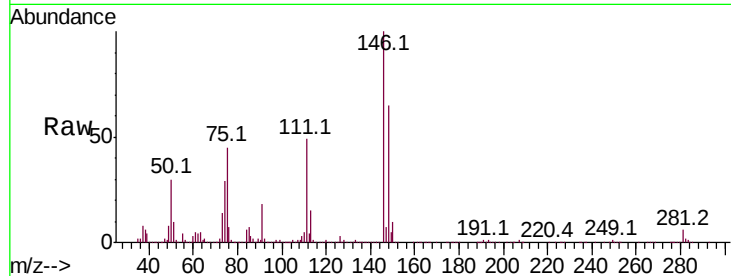


#75
 1,3-Dichlorobenzene
 Concen: 10.657 ppbv
 RT: 17.00
 Instrument: MSVOA_1
 Delta R.T.:
 Client Sample ID:
 Lab File: VSTDCCC010EC
 Acq: 6 May 2021 19:55

Tot Ion:1
 Ion Rati
 146 100
 111 48.
 148 65.

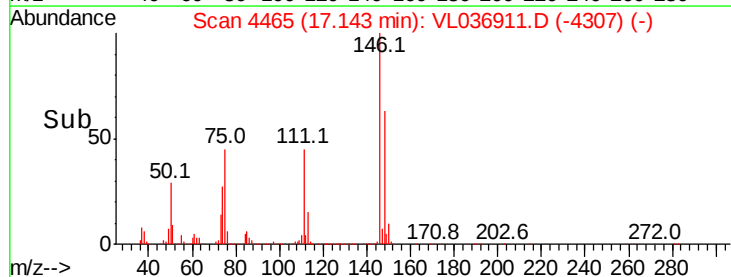
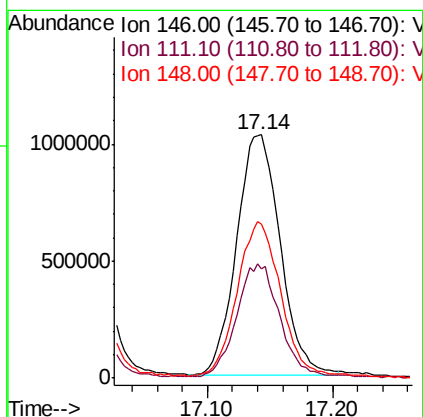
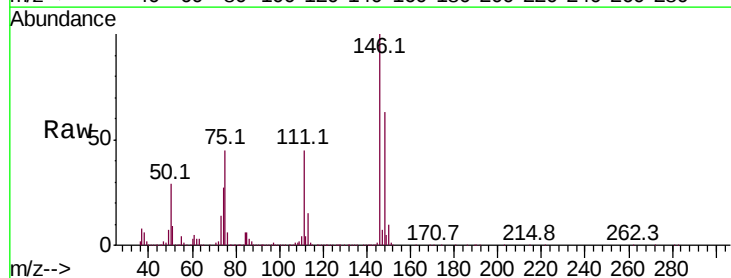
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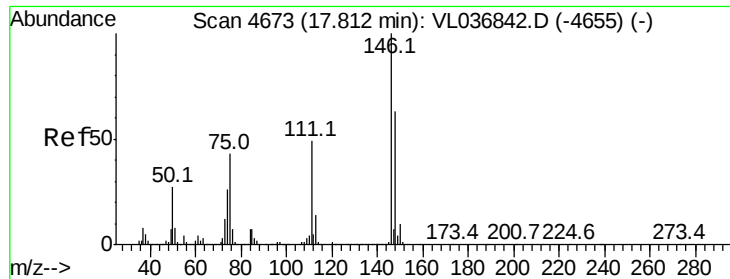
Reviewed By :Semsettin Yesilyurt 05/08/2021
 Supervised By :Mahesh Dadoda 05/10/2021



#76
 1,4-Dichlorobenzene
 Concen: 10.460 ppbv
 RT: 17.14 min Scan# 4465
 Delta R.T. 0.01 min
 Lab File: VL036911.D
 Acq: 6 May 2021 19:53

Tgt Ion:146 Resp: 2470383
 Ion Ratio Lower Upper
 146 100
 111 48.5 24.3 72.8
 148 66.5 32.4 97.0





#77

1,2-Dichlorobenzene

Concen: 10.579 ppbv

RT: 17.82

Delta R.T. MSVOA_1

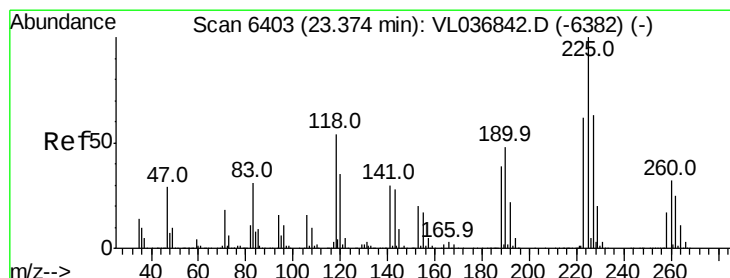
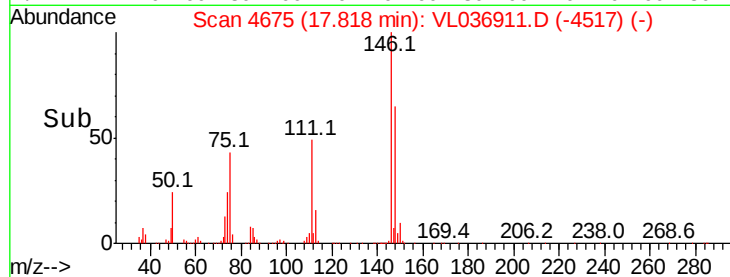
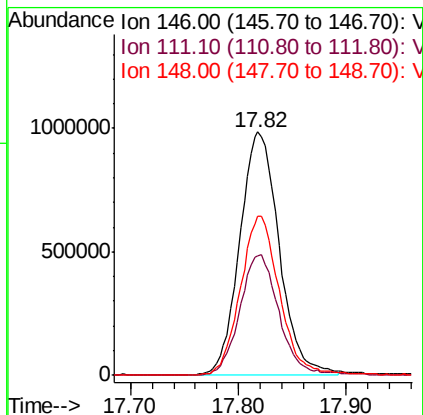
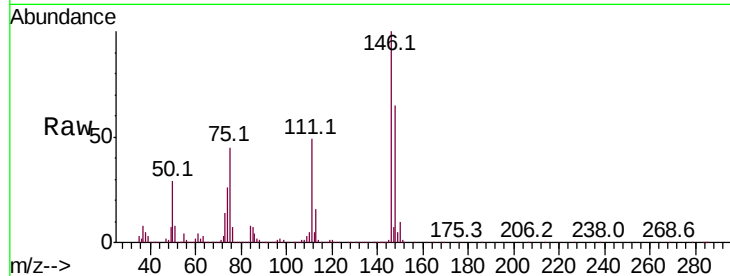
Lab File: ClientSampleId :

Acq: 6 May 2021 19:55

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

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2021
Supervised By :Mahesh Dadoda 05/10/2021



#78

Hexachloro-1,3-Butadiene

Concen: 9.055 ppbv

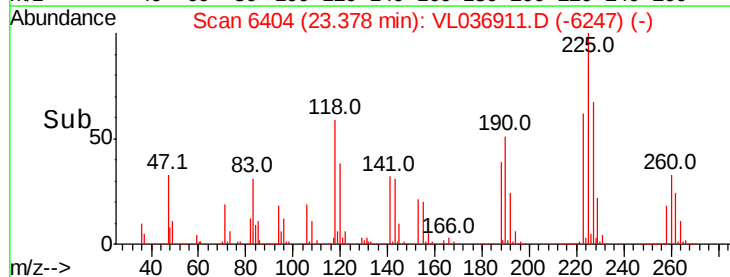
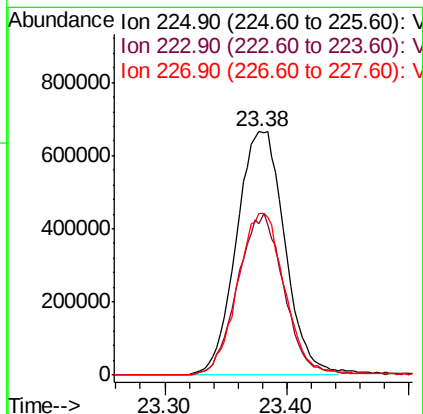
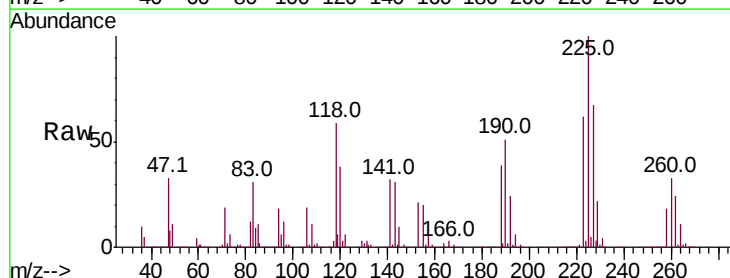
RT: 23.38 min Scan# 6404

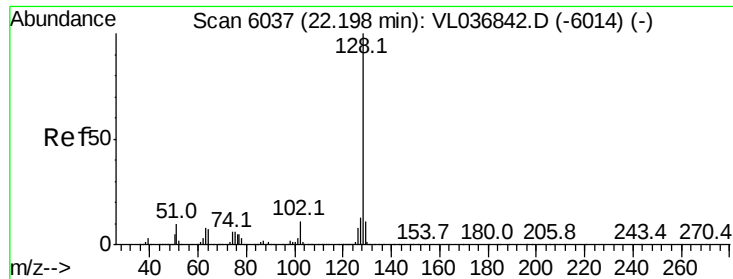
Delta R.T. 0.00 min

Lab File: VL036911.D

Acq: 6 May 2021 19:53

Tgt Ion:225 Resp: 1813699
Ion Ratio Lower Upper
225 100
223 64.4 51.2 76.8
227 66.1 51.8 77.6



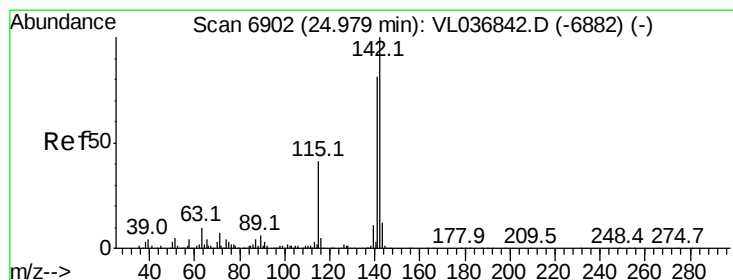
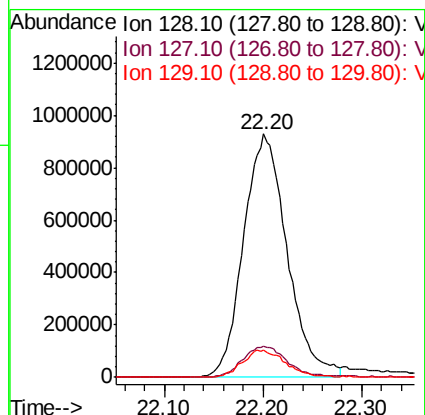
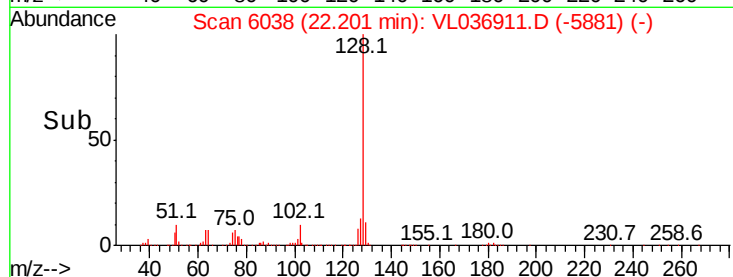
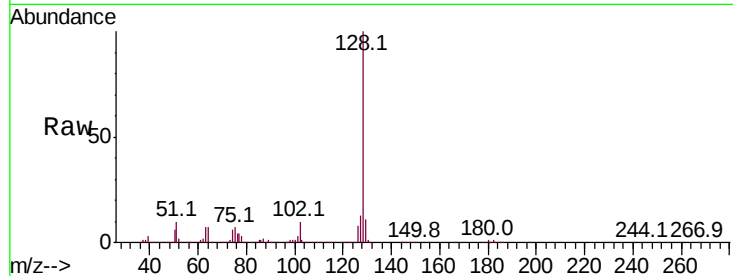


#79
Naphthalene
Concen: 12.412 ppbv
RT: 22.20 min
Instrument: MSVOA_1
Delta R.T.: 0.00 min
Lab File: ClientSampleId : VSTDCCC010EC
Acq: 6 May 2021 19:53

Tot Ion:1
Ion Rati
128 100
127 12.
129 11.

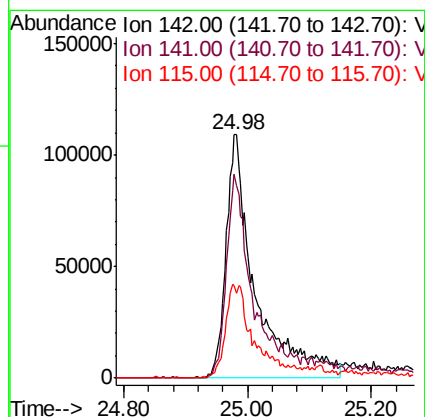
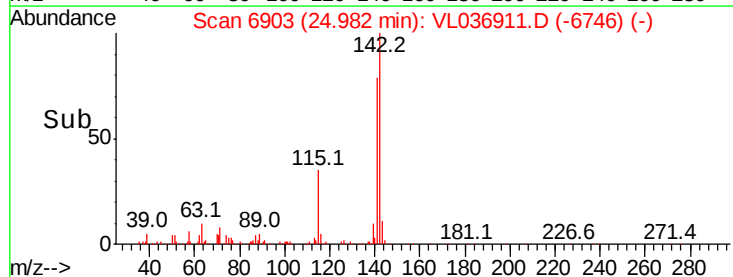
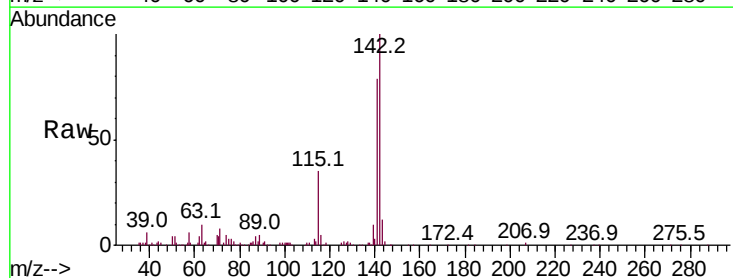
Manual Integrations
APPROVED

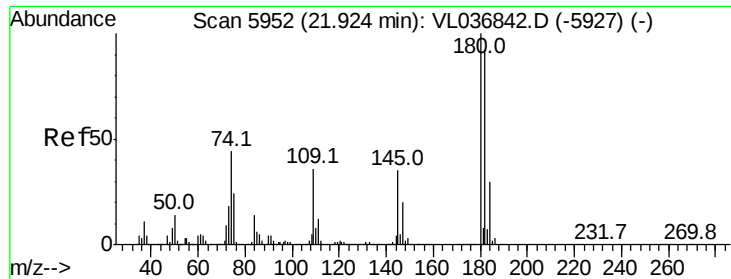
Reviewed By :Semsettin Yesilyurt 05/08/2021
Supervised By :Mahesh Dadoda 05/10/2021



#80
Naphthalene, 2-methyl-
Concen: 14.311 ppbv
RT: 24.98 min Scan# 6903
Delta R.T.: 0.00 min
Lab File: VL036911.D
Acq: 6 May 2021 19:53

Tgt Ion:142 Resp: 360832
Ion Ratio Lower Upper
142 100
141 83.4 62.6 93.8
115 39.0 32.0 48.0





#81
 1,2,4-Trichlorobenzene
 Concen: 11.239 ppbv
 RT: 21.93
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 6 May 2021 19:55

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

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2021
 Supervised By :Mahesh Dadoda 05/10/2021

